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ABSTRACT

Provided in this bibliography is a listing of nuclear education books and resource materials. Entries (most of which are annotated) are presented under these headings: action; arms control and negotiations; arms race; the arts; atomic energy; atomic testing; bibliographies; civil defense; conference proceedings; conflict solving; conversion; curricula; defense spending; defense; disarmament; economic aspects; education; effects of nuclear explosions; ethics (moral/philosophical) aspects; foreign policy; the freeze; global education; Hiroshima and Nagasaki; journals (including those with articles or theme issues on nuclear topics); miscellaneous; national security; negotiations; newsletters; nonviolence; nuclear accidents; nuclear weapons; peace education; proliferation; psycho-social effects of the nuclear threat (on adults and on children); radiation; religious aspects; science and responsibility; simulations; socio-economic aspects; the Soviets; space weapons; survival; and war. Each entry includes title, source, and when applicable, description and current cost. An addendum with additional references (listed by topic area) and a subject index are included. (JN)

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**BIBLIOGRAPHY OF NUCLEAR EDUCATION RESOURCES**
1984

Edited by Susan Alexander

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## ABOUT ESR

Educators for Social Responsibility is a national, non-profit membership organization of educators, parents, and other concerned individuals who believe that the nuclear age demands new approaches to education. ESR is committed to presenting divergent views in the classroom on nuclear issues; to dealing with young people's questions and fears about the threat of nuclear war; and to fostering citizen participation in decision-making about the nuclear arms race. ESR researches students' attitudes toward nuclear issues, assesses educational materials, develops curricula, sponsors conferences and professional development programs, and provides speakers and consultation services.

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**BIBLIOGRAPHY OF NUCLEAR EDUCATION RESOURCES**

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## ACTION

### Resources

Action for Arms Control. Nuclear Weapons Discussion Project, 1430 Massachusetts Ave., Suite 306-85, Cambridge, MA 02138. $4.95, plus $ .75 postage and handling. A manual of almost 200 suggestions for individual and group projects.

The Anti-Nuclear Movement. Jerome Price. Twayne Publishers. 1982. Gives a history of the movement, showing how it grew to its present size and influence, and looking at its subgroups: environmentalists, scientists, and direct-action groups. High school - adults.

Creating Peace: A Positive Handbook. Larry Langdon. Wilmington College Peace Resource Center, Pyle Center Box 1183, Wilmington, OH 45177. $3.95. 64 pp. packed with information about hundreds of positive things others are doing and some that haven't been tried yet.

The Disarmament Catalogue. Murray Polner, ed. The Pilgrim Press, 132 W. 31 St., New York, NY 10001. 1982. $12.95. Distinctive and handsome collection of articles, poems, photos, resources, and more. The editor's purpose is to provide "conditions and resources which enable people to build coalitions against the warmakers." To this end, the catalogue focuses on ways people can begin to "Get political [and] Choose life," or face the victory of militarism and annihilation. The catalogue is in four sections: the arms race, worldwide arms sales, excerpts from scientists and public figures, and action. Instructors at all levels, including university and adult education, will discover a mine of information here for their own background use or for reproducing for the classroom. Highly recommended.

Education for Action in a Nuclear World. Institute of Politics, Kennedy School of Government, Harvard University, 79 John F. Kennedy St., Cambridge, MA 02138. Excellent, comprehensive packet of materials used at the Conference for New England Students, 1982. Includes how to organize campuses, congressional campaigns, and voter registration; lists of New England contact groups; literature on the Freeze, proliferation, first strike, and more. University level.

Freeze It! A Citizen's Guide to Reversing the Nuclear Arms Race. The Norwich Peace Center, Box 283, Emerson House, Norwich, VT 05055. $ .50. A 30-page booklet.

Guidelines for Small Groups to Raise Consciousness About Living in the Nuclear Age. Vivian Gold and Carol Wolman. Women for a Non-Nuclear Future, Box 2429, East Side Station, Providence, RI 02906. SASE. An approach to increasing awareness of the effects of nuclear weapons on one's feelings, attitudes, and life choices. Contains 32 questions for group discussion.

National Council of American-Soviet Friendship, Inc. 162 Madison Ave., 3rd Floor, New York, NY 10016. Organizes US delegations to visit the Soviet Union to establish and develop ties between the respective youth and organizations in the interest of furthering mutual understanding. A nonpartisan group with no governmental affiliations or political commitments.

Nuclear War Prevention Kit. Center for Defense Information, 122 Maryland Ave., N. E., Washington, DC 20002. $1.00, single copies; $ .50, ten or more. This kit is in three parts: what individuals, groups, and communities can do; a film use kit; and resources. Excellent ideas for activism.

Put Your Community on Record for Jobs and Peace. Southern Organizing Committee for Economic and Social Justice, P.O. Box 811, Birmingham, AL 35201. $10.00. A kit for organizing around the issue of military spending vs. human needs.

Russian Pen Friend Project. Russian Pen Pals, Box 205, International Friendship League, 22 Batterymarch St., Boston, MA 02109. For ages 19-35. $5.00. Includes exchanges of letters, postcards, stamps, books, and records.

What About the Children? Parents and Teachers for Social Responsibility, Box 517, Moretown, VT 05880. A 15-page booklet whose purpose is to "stimulate global understanding about the threat that nuclear war poses to children," as well as to encourage adults to take action to ensure a future for forthcoming generations. The pamphlet includes specific suggestions and steps for becoming active and examples of what others have done. For adults.

**Books**

Despair and Personal Power in the Nuclear Age. Joanna Macy. Interhelp, 330 Ellis St., #505, San Francisco, CA 94102. Also available from New Society Publishers, 4722 Baltimore Ave., Philadelphia, PA 19143. $8.95 paper, $15.95 hardcover, until June 1, 1984. 200 pp. Appendices, resource lists, and exercises. Examines our psychological responses to the nuclear threat and provides a framework for helping to overcome the "psychic numbing" which prevents us from confronting that threat.

The Hundredth Monkey. Ken Keyes, Jr. Vision Books, 790 Commercial Ave., Coos Bay, OR 97420. $2.00. Based on the Hundredth Monkey Phenomenon, which theorizes that when enough people are aware of something, everyone becomes aware of it. Hence, the book's theme is that if sufficient people participate in trying to reverse the nuclear arms race, they can make a difference. There is also a film of the same title. Grade 9 - adult.

The Power of the People: Active Non-violence in the US. R. Cooney and H. Michelowdki. Peace Press, Inc., 3828 Willat Ave., Culver City, CA 90230.

Waging Peace: A Handbook for the Struggle to Abolish Nuclear Weapons. Jim Wallis, ed. (cf. **RELIGIOUS**)

Watermelons Not War! A Support Book for Parenting in the Nuclear Age. Kate Cloud, Ellie Deegan, Alice Evans, Hayat Donam, Barbara Signer. Afterward by Helen Caldicott. New Society Publishers, 4722 Baltimore Ave., Philadelphia, PA 19143. $9.95 paper, $24.95 hardcover. 160 pp. Annotated bibliography and illustrations. Five mothers in the Boston area met regularly to give each other support, to demystify nuclear technology (weapons and power), and to find ways of acting that would give their children a future. This book distills the results of those meetings. Quotations from the children themselves are especially effective.

What Will It Take To Prevent Nuclear War? Grassroots Responses to our Most Challenging Question. Pat Farren, ed. Schenkman Publishing Co., Inc., 3 Mount Auburn Place, Cambridge, MA 02138. $6.95 paper; $13.95 cloth. Introduction by Howard Zinn. The editor solicited responses to the title question of this book by fliers distributed on the street, notices in publications, and invitations to individuals of various political viewpoints. The book is an anthology of more than 200 of those responses, selected from nearly 1,000 submitted, on preventing nuclear war. The responses extend from voices of fear and frustration to optimism, and include poetry and graphics, as well as prose. The structure and format of the book invite reader participation in the search for answers, and make the book extremely readable, accessible to dipping into at any section. A brief study guide helps a teacher or facilitator use the book as a catalyst for discussion and action. Part of the unique usefulness of this book is its suitability for a wide-range of users, from junior high school students to adults.

## ARMS CONTROL AND NEGOTIATIONS

### Books

Arms Control Report: Annual Report of the Arms Control and Disarmament Agency. Superintendent of Documents, US Government Printing Office, Washington, DC 20402. $6.50. Explores developments in arms control negotiations over forces in Europe, strategic weapons, chemical and biological weapons, and similar issues.

The European Nuclear Negotiations: Paths to War or Peace? Alan B. Sherr, Esq., President, Lawyers Alliance for Nuclear Arms Control, 43 Charles St., Suite 3, Boston, MA 02114. $3.00; 10 or more, $2.00. Great clarity and ease of reading distinguish this brief, which brings to bear legal understanding on the history and problems of negotiations. Without oversimplifying, this pamphlet renders very manageable the complexity of the underlying problems and interests in the European nuclear dispute; we understand not only the numbers themselves, for example, but also the concepts behind and the significance of the numbers. One of the most valuable aspects of the brief is that Sherr provides the historical context for the current impasse in negotiations. Specific and realistic suggestions for breaking deadlocks are also presented.

Living With Nuclear Weapons. The Harvard Nuclear Study Group. Introduction by Derek Bok. Harvard University Press. Bantam New Age Books, Inc., 666 Fifth Ave., New York, NY 10103. 1983. Paper, $3.95; cloth, $12.95. 288 pp. Commissioned by the President of Harvard to do this study, the authors are Harvard scholars with arms control experience in various administrations. While the authors consider their book "an objective account of the basic facts about nuclear arms control [that presents] the various issues, proposals, and arguments for and against each position," the title of the book better indicates their limited, technocratic, arms control perspective. For example, they accept the assumptions on which our current deterrent policy is based; view nuclear weapons as the solution to any Soviet threat; offer a narrow range of views; and omit all considerations of psychological aspects of the nuclear arms race. In short, they frame the issue only with conventional pieces. Nevertheless, this book should be read precisely because it offers an understanding of such Establishment thinking. It also provides accurate information on the nature, extent, and quality of nuclear

weapons; a sound historical review of how these arsenals have been amassed; and an informative discussion of how nuclear war might break out.

Negotiating Security: An Arms Control Reader. William H. Kincade and Jeffrey D. Porr, eds. Arms Control Association. Available from International Peace, 11 Dupont Circle, Washington, DC 20036. A selection of articles from the newsletters of the Arms Control Association on preventing n strategy and weapons, nuclear proliferation and testing, and arms control.

Nuclear Arms Reduction Proposals. US Congress, Senate. 1982. Superintendent of Documents, US Government Printing Office, Washington, DC 20402.

Nuclear Arms Reductions. Report Together with Minority and Additional Views. 1982. Superintendent of Documents, US Government Printing Office, Washington, DC 20402.

## ARMS RACE

### Resources

Common Sense and Nuclear Peace. Jerrold R. Zacharias, Myles Gordon, Saville R. Davis. Education Development Center, Inc. 1983. Available from ESR. $2.00. The authors, who have outstanding credentials, argue that to reduce and then eliminate the risk of nuclear war will require a profound change in attitudes, both in us and in the Soviets. They describe in nontechnical language how we must gird ourselves for "the long pull" of wresting our fate from the military. Extremely readable, 13-page essay, both reasoned and impassioned, for high school and college students, adults, and study groups.

Handbook of Questions and Answers on Nuclear War. Center for Defense Information,, 122 Maryland Ave., NE, Washington, DC 20002. $1.00; for 10 or more, $ .50 each. For high school, college, and adults.

In Search of a Solution: The US House of Representatives Debates the Nuclear Arms Race. Peace Through Law Education Fund, 501 House Annex 2, Washington, DC 20515. For adults.

"A Nuclear Samizdat on America's Arms Race." Roy A. Medvedev and Zhores A. Medvedev. The Nation. January 16, 1982. P.O. Box 1953, Marion, OH 43305. $1.25. All Americans, regardless of their political persuasion, should read this. One might expect these well-known Soviet dissidents to project an anti-Soviet line. Instead, they attempt to explain, often unconvincingly, the basis for Soviet behavior. In doing so, they lay general blame on the US for the rift in relations with the USSR and for the ominous escalation of the nuclear arms race. If even prominent dissidents hold these views, what must the average Soviet citizen think? (This issue also contains an excellent bibliography, "Nuclear Bookshelf.") For adults.

Peace in Search of Makers. Jane Rockman, ed. $5.95 paper. Judson Press, 1979. A compilation of the papers presented during the Reverse the Arms Race convocation held at the Riverside Church in New York. Useful as self-educational materials for adults. Riverside Church, 490 Riverside Drive, New York, NY 10027.

You Can Prevent Nuclear War. Common Cause, 2030 M St., NW, Washington, DC 20036. A concise pamphlet of powerful articles and graphics on nuclear issues, particularly useful in the high school classroom because of its format.

Thinking About Preventing Nuclear War. Ground Zero, 806 15th St., NW, Washington, DC 20002. 1982. 20-page booklet useful for helping students begin to think about the long term efforts necessary to prevent a nuclear war. The booklet details six scenarios of how a nuclear war might start. It then examines possible "firebreaks," or means of preventing or halting the spread of a nuclear war. For secondary - adults.

The Threat of Nuclear War: A Briefing Manual. Union of Concerned Scientists, 26 Church St., Cambridge, MA 02138. A compendium of accurate background data and articles on nuclear weapons, policy, strategy, US-USSR strategic force comparison, proliferation, false alerts, etc. For upper level high school, college, and adults.

Waging Peace. Southern Exposure, P.O. Box 531, Durham, NC 27702. An extremely attractive, aesthetically done booklet from a group which calls itself the "voice of the progressive South." Especially effective is its list of resources in southern states. Upper level students - adult education.

"War and Peace in the Nuclear Age." Special Section, Boston Globe, October 17, 1982. Winner of a 1983 Pulitzer Prize. Available only in libraries. 56-page magazine on the nuclear arms race and the struggle to stop it. Provides an excellent overview. Highest recommendation for classroom use in high school, college, and adult education.

**Books**

Apocalypse: Nuclear Catastrophe in World Politics. Louis Rene Beres. University of Chicago Press. 1982. $6.95 paper. Contemplates the ways in which a nuclear war could start and depicts the consequences.

Armaments, Arms Control and Disarmament: A UNESCO Reader for Disarmament Education. UNESCO, 1981. $37.25. A source book of information for disarmament education in secondary schools, colleges, and universities, this work is also a handbook for concerned citizens and politicians involved in trying to halt or reverse the arms race. The book examines the socio-political impact and the economic and social consequences of the arms race, armament dynamics, the role of the UN, alternative peace strategies, and conditions for successful disarmament.

The Baroque Arsenal. Mary Kaldor. Farrar, Straus, & Giroux, 1981. $14.95. Asserts that modern armaments are remote from military and economic reality. College - adult.

Beyond the Cold War: A New Approach to the Arms Race and Nuclear Annihilation. E. P. Thompson. Pantheon Books, 201 E. 50th St., New York, NY 10022. 1982. $15.00 hardcover, $5.95 paper. 198 pp. A collection of recent essays, lectures, and articles by a leading scholar of the European Nuclear Disarmament movement (END). Thompson believes that neither a Freeze nor arms control agreements is sufficient to prevent nuclear war. "We must go behind the missiles to the Cold War." Blaming neither superpower, Powers argues that, like the technology of weapons themselves, the Cold War has developed a momentum and a logic of its own and now fuels itself. College - adult.

Beyond the Freeze: The Road to Nuclear Sanity. Daniel Ford, Henry Kendall, and Steven Nadis. Beacon Press, 25 Beacon St., Boston, MA 02108. $4.75 plus $1.50 postage. A primer prepared for the nationwide teach-in on college campuses of the Union of Concerned Scientists on November 11, 1982. In simple, clear language, this book covers the history of US arms policy since 1945, progress in arms talks to date, and the dangers inherent in the Reagan Administration's military build-up. The sections on the shortcomings of proposed military space stations, and on deployment of US missiles in Europe are particularly useful.

The Bomb. Sidney Lens. E.P. Dutton, 1982. $11.50. Traces the steps leading to the development of the atomic bomb, looks at the creation of complex weapons' and delivery systems, and examines the different eras of atomic weapons, including possibilities for the future. High school - adult.

The Command and Control of Nuclear Forces. Paul Bracken. Yale University Press, New Haven. $19.95. 252 pp. Bracken, from the Yale School of Management and previously the Hudson Institute, deals in this book with the complex but critical subject of how the US and the USSR would manage their nuclear forces in a crisis. He presents in detail the great perils of their interacting systems. "...The warning and operational systems are ever more closely interconnected by ever more sophisticated systems of communication, and very small signals can be felt throughout the whole set of systems. Moreover, the warning and alerting systems of the two superpowers constantly interact. In peacetime, there are checks and balances that ward off any undesired escalation. But would they operate so well in a major crisis?"

The Counterforce Syndrome: A Guide to US Nuclear Weapons and Strategic Doctrine. Robert C. Aldridge. Institute for Policy Studies, 1901 Q St., NW, Washington, DC 20009. This booklet is notable for the nuclear engineering background of its author (he worked at Lockheed, the nation's number one arms producer) and for the non-technical language and succinct form with which it presents a wealth of background information on such highly technical and complex topics as MIRVs, anti-submarine warfare, Trident, MX, and Cruise missiles (counterforce missiles), deterrence, first strike, SALT I, and the Soviet threat. The pamphlet provides one of the best sources available both for self-education and for in-depth background information for those who wish to teach some aspect of the nuclear arms race. Aldridge focuses on the "counterforce trend of emerging technologies," which he believes "is leading the US toward a preemptive first-strike posture." Further, Aldridge warns that the "masking" of this "evidence from public view is [the] grossest deception ever perpetrated on the American people." Even more important, the author argues that "a disarming first-strike capability will start becoming reality by the mid-1980s unless corrective action is taken -- unless the people of this country cease to accept the military's prescription for solving international disputes. If that first-strike capability materializes, we can expect nuclear weapons to be used in some way before the year 2000." For college-adult education.

Dubious Specter: A Second Look at the Soviet Nuclear Threat. Fred Kaplan. 1980. Institute for Policy Studies, 1901 Q St., NW, Washington, DC 20009. $4.95. Kaplan writes on defense matters for the Boston Globe. His book is an analysis of the numbers, size, accuracy, and potential damage from the Soviet arsenal and the relation of this threat to US defenses. For older students and adults.

The Fate of the Earth. Jonathan Schell. Knopf, 1982. $11.95 hardcover; Avon paperback, $2.50. Originally published as a three part article in The New Yorker, this work has been called the most important book of the decade. Schell writes eloquently about the implications of nuclear weapons for the future of the planet. Part I, "A Republic of Insects and Grass," is especially compelling and can be used alone as a classroom text. Some critics accuse Schell of hysteria and apocalyptic writing. Appropriate for grade 9 - adult study groups. (Schell has a 2nd series of landmark articles in the New Yorker, Jan. 2 & 9, 1984. Where Fate of the Earth confronted the implications of the nuclear predicament, these articles confront solutions to that predicament with formidable analysis and original insights.)

The Game of Disarmament: How the US and Russia Run the Arms Race. Alva Myrdal. Pantheon Books, 201 E. 50th St., New York, NY 10022. 1976. $7.95 cloth, $5.95 paper. Written by Sweden's former Minister of Disarmament and recent Nobel Peace Prize winner, this book is a revision of a classic in its field. The work strongly criticizes both the US and the USSR, claiming that they have never seriously sought disarmament, but really have tried to reduce the independence of other nations by military dominance. Definitely a non-superpower viewpoint.
For upper level students - adults.

Indefensible Weapons: The Political and Psychological Case Against Nuclearism. Robert Jay Lifton and Richard Falk. Basic Books, Inc., New York, 1982. $15.50 hardcover; $6.95 paper. 285 pp. Political scientist Falk and Yale research psychiatrist Lifton define "nuclearism" as a disease in which we are psychologically, politically, and militarily dependent on nuclear weapons. The purpose of their book is to explore "this fundamental deformation of attitude toward the weapons." In Section I Lifton brilliantly brings the psychological experience to bear upon the levels of absurdity in nuclearism by exposing our "nuclear illusions." He details powerfully our struggle to image extinction - biological severance and radical futurelessness, which seep into the crevices of our work, our marriages; in short, our lives. He addresses the paradox in trying to make sense of continuing our daily routines while potential annihilation hovers over us. "At the heart of the matter are ways in which the bomb impairs our capacity to confront the bomb;" at once, that is, nuclear weapons affect everything we do while impairing our ability to think about them. Thus do the gods make us mad. One of the most valuable aspects of this book, therefore, is that in the very first pages Lifton provokes the reader to action by successfully breaking through any psychic barriers we may still wish to throw up. In the following section Falk discusses the political aspects - the "political anatomy" - of nuclearism; for example, he perceives the Soviet threat as a "useful" but somewhat irrelevant factor in the face of a rapidly emerging multipolar world order. The convergence of the political and psychological dimensions of the nuclear predicament in concert with the application of scholarship to activism and clear, concise writing make the book accessible to a wide spectrum of adult readers; with some simplification, such concepts as psychic numbing, the ecology of infinity, and multipolarity can also be presented to high school audiences.

Mimicking Sisyphus: America's Countervailing Nuclear Strategy. Louis Rene Beres. Lexington Books, D.C.Heath and Co., 125 Spring St., Lexington, MA 02173. $11.95 paper, $19.95 cloth. Offers a trenchant diagnosis of the nuclear arms race and a range of suggestions for moving

away from the brink of disaster.

Nuclear Hostages. Bernard J. O'Keefe. Houghton Mifflin Co., Boston, Mass. $14.95 hardcover. 252 pp. The profession and background of the author single out this book. President of a leading high-tech firm involved in nuclear weapons tests and defense contracts, and a first-hand witness of more than 50 nuclear explosions, O'Keefe's memoir peaks with his dramatic account of how, on the eve of the Nagasaki mission, he corrected a wiring error in "Fat Man," the Nagasaki bomb. Given this context, the significance of this book is that O'Keefe now opposes the MX and the neutron bomb ("the most impractical weapon yet conceived"); considers the concept of a limited nuclear war as nonsense; argues for unilateral steps to increase US-USSR cooperation; characterizes crisis relocation as "so ridiculous its embarrassing;" calls nuclear superiority meaningless; and believes we must educate our young people formally in schools about the nuclear predicament. Because of his impeccable credentials, O'Keefe's book is a special contribution to the nuclear dialogue. He states that "the nuclear arms race is over." Yet he still opposes a Freeze and believes in the inexorable march of the Soviets to capitalism.

Nuclear Almanac: Confronting the Atom in War and Peace. M.I.T. faculty, eds. Prologue by Henry Steele Commager. Addison-Wesley, 1983. $14.95. Reports on the nuclear issues of today: arms control, nuclear arsenals, nuclear waste, and more. Upper level students - adults.

The Nuclear Barons. Peter Pringle and James Spiegelman. Holt, Rinehart, and Winston, 1981. $16.95. Looks at the international elite of scientists, technocrats and businessmen who have controlled nuclear power and weapons for some four decades. Upper high school - adults.

The Nuclear Future. Michael Mandelbaum. Cornell University Press. $19.95 cloth; $5.95 paper. 128 pp. In his nuclear future Mandelbaum charts a middle path, envisioning neither apocalypse nor a world free of nuclear weapons.

Nuclear Illusion and Reality. Solly Zuckerman. Viking Press, 1982. $10.95. Vintage paperback, $2.95. Argues that it is still possible to curb the stockpiling and refining of nuclear weapons. Older students - adult.

Nuclear Madness. Helen Caldicott, M. D. Autumn Press, 25 Dwight St., Brookline, MA 02146. 1978. $3.50. Written by the former President of Physicians for Social Responsibility, this book is a factual yet impassioned account of the health hazards posed by nuclear power and weapons' production. The author makes little distinction between the dangers of nuclear power and those of nuclear weapons. A very readable, short book, which not only presents a great deal of information, but also is concerned with what action people can take. Grade 9-adults.

Nuclear Nightmares: An Investigation into Possible Wars. Nigel Calder. Penguin Books, 1981. $3.95 paper. Outlines the four most likely routes toward nuclear disaster and looks at what nuclear weaponry is and how it works. Upper level students - adult.

The Nuclear Question: The United States and Nuclear Weapons, 1946-1976. Michael Mandelbaum. 1981. Cambridge University Press, Cambridge, England. $8.95. Traces the history and development of US nuclear weapons policy. Advanced high school students-adult.

The Nuclear Revolution: International Politics Before and After Hiroshima. Michael Mandelbaum. Cambridge University Press, 1981. $29.95 cloth, $8.95 paper. Comparison between politics in the nuclear age and those of earlier history. Upper level students - adults.

Nuclear War: The Facts on our Survival. Peter Goodwin. W. H. Smith, 1981. $9.95 cloth, $5.95 paper. Discusses policies of deterrence, explaining different types of nuclear weapons and their effects. Looks at the pros and cons of crisis evacuation plans and sheltering units for civil defense protection in a nuclear attack. Upper level-adult.

Nuclear War: What's In It For You? Ground Zero, 806 15th St., NW, Washington, DC 20005. 1982. Available from ESR, $4.00. A comprehensive yet concisely written primer in a very readable format for high school students, college, and adults. Discusses how a nuclear war might start, what the consequences would be, and how it can be prevented. To accompany this book and to encourage discussion, a group study guide, The Minicourse on Nuclear War, ($ .25) is also available.

Nuclear War, Nuclear Peace. Leon Wieseltier. Holt, Rinehart & Winston. $7.95 cloth; $2.95 paper. 84 pp. Literary editor of the New Republic, Wieseltier in this book takes on both "sides," considering those who plan for protracted nuclear war as well as those who argue like Jonathan Schell and E. P. Thompson both simplistic. The author's thesis is that there is no present substitute for deterrence, although he acknowledges that it is immoral: "We prevent them from using their weapons to kill millions of people, by making them believe that we mean it; and they do the same." Many reviewers have welcomed the absence of ideology in this book and have praised it for its elegant prose, its lucidity, and its intelligent analysis.

Nuclear Weapons: Report of the Secretary-General. United Nations. 1981. Autumn Press, 25 Dwight St., Brookline, MA 02146. $7.95. This is the 1981 report of the United Nations disarmament committee on the dangers of current nuclear policies and weapons. Drafted by representatives of non-nuclear states critical of US and USSR policies. Widely used as an authoritative, independent source. Highest recommendation. High school - adult.

Nukespeak: Nuclear Language, Visions, and Mindset. Stephen Hilgartner, Richard Bell, and Rory O'Connor. Sierra Club Books, San Francisco, 1982. $14.95. A disturbing book which argues that the nuclear industry covered up perils in order to sell nuclear technology to the American public. Fascinating reading.

Real Security: Restoring American Power in a Dangerous Decade. Richard Barnet. Simon and Schuster, 1981. $4.95. Concisely discusses the philosophy and use of nuclear weapons as part of our foreign policy, and addresses the meaning of real security in a nuclear age. Barnet is a prolific writer and profound thinker. High school-adults.

Risks of Unintentional Nuclear War. Daniel Frei, with the collaboration of Christian Catrina. UN Institute for Disarmament Research, 1982. $19.00, cloth. Examines how easily nuclear war, based on false assumptions, could occur, and what we can do to prevent annihilation through misjudgment or miscalculation. Upper level students-adult.

Russian Roulette: The Superpower Game. Arthur Macy Cox. Times Books,

1982. $14.95. A former State Department and CIA official argues in this book that the hawks in both Washington and Moscow are responsible for the failure of arms control negotiations. One chapter is a response from a member of Moscow's Central Committee, the Soviet's leading expert on the US. Upper age students-adult.

Stop Nuclear War! A Handbook. David P. Barash, Ph. D. and Judith Eve Lipton, M. D. Foreword by Dr. Helen Caldicott. Grove Press, 196 W. Houston St., New York, NY 10014. $7.95. A guide to how individuals can effectively act to stop nuclear war, and a sourcebook for grassroots organizing. Also provides background on the history and costs of the arms race, deterrence theory, psychological consequences of living with the threat of nuclear war, the effects of Hiroshima and Nagasaki, how a nuclear war could start, and what the effects would be. Very readable work for high school - adults.

Thinking About the Next War. Thomas Powers. Knopf. $10.95. 155 pp. Powers, a 1971 Pulitzer Prize winning journalist, argues in this book that preparing for war begets war; hence, since the US and USSR are preparing for a nuclear war, it is inevitable that a nuclear war will eventually come. An article by Powers on this subject also appears in the Atlantic Monthly, January, 1984.

The Truth About the Neutron Bomb: The Inventor of the Bomb Speaks Out. Sam Cohen. William Morrow & Co., $12.50. 226 pp. Cohen, "father of the neutron bomb," argues provocatively against the idea that "all nuclear weapons, regardless of their specific characteristics, [are] politically unacceptable. The book chronicles his losing, 20-year struggle to promote "enhanced radiation weapons" (neutron bombs), which he views as politically viable, because of their discriminating destructiveness.

Understanding Nuclear Weapons and Arms Control. Teena Mayers. Arms Control Research, Box 1355, Arlington, VA 22210. $2.95. Highly recommended as a readable, inexpensive primer which provides a basic introduction to nuclear issues.

The War Machine: The Case Against the Arms Race. James Avery Joyce. Avon Discus, 1982. $3.95 paper. The author calls the US policy of nuclear deterrence "a criminal exercise in military suicide" and argues for an end to the arms race. Adults.

What Kind of Guns Are They Buying For Your Butter? A Beginner's Guide to Defense, Weaponry, and Military Spending. Sheila Tobias, Per Goudinoff, Stefan Leader, and Shelah Leader. Morrow Press, $14.50. The authors of this book are two defense experts and two feminists. They have written a useful beginner's guide to our current nuclear arsenal, the defense industry and the procurement systems upon which it depends, and the threat these pose to our political and social fabric. The valuable appendices include a map of nuclear installations in the US, a glossary, and a list of the top US defense contractors.

With Enough Shovels: Reagan, Bush and Nuclear War. Robert Scheer. Vintage Books. 1982. $4.95. "If there are enough shovels to go around, everybody's going to make it," says T. K. Jones, one of President Reagan's deputy under secretaries of defense. "Dig a hole, cover it with a couple of doors and then throw three feet of dirt on top," he concludes. With such an approach to how we might save ourselves during a nuclear holocaust, Jones joins the war mentality of the Vietnam major who said, "It was necessary to destroy the town in order to save it," and

provides the title for Scheer's first-rate and chilling journalistic scrutiny of the people who make nuclear policies for us all. Through reports of interviews with Reagan Administration leaders and with Reagan himself, we learn that Reagan's Soviet expert believes that Soviet leaders will have "to choose between peacefully changing their Communist systems...or going to war." In the same vein the head of the Federal Emergency Management Agency (FEMA) declares that nuclear war "would be a terrible mess, but it wouldn't be unmanageable." Asked how you win a nuclear war, Vice President Bush responds: "you have a capability that inflicts more damage on the opposition than it can inflict upon you.: This book makes excellent reading, but it also makes the Administration sound like lunatics. Such an effect may be dangerous for those attempting to bring nuclear war education into the classroom in a balanced and responsible way.

The Wizards of Armageddon. Fred Kaplan. Simon and Schuster, New York. $18.95. 452 pp. A journalist who writes on military matters for the Boston Globe and several other publications, and a former congressional staffer, Kaplan, in this readable, well-researched book, focuses on a small elite of nuclear strategists, whom he calls "defense intellectuals." These are the people at think tanks who consider nuclear war "rational;" that is, they argue that nuclear war can be fought and won. Kaplan concludes that these "wizards" have failed intellectually, but their power and influence have not failed: "Their central ideas" about the "controllability" of nuclear war have become official US policy.

World Armaments and Disarmament: The SIPRI Yearbook. Stockholm International Peace Research Institute (SIPRI). Oelgeschlager, Gunn, and Hain, 1278 Mass. Ave., Cambridge, MA 02138. $50.00 A valuable reference source for researching current issues and statistics on the arms race.

## THE ARTS

Alice In Blunderland: Reflections of a Nuclear Age. Produced by Legacy. 1982. Words and Music by Tim and Tom DeFrange. LEGACY, Inc., 7358 Sylvan Drive, Kent, OH 44240. Rental production kit for three months, $150.00 plus $5.00 p/h. Records, tapes, and songbooks are also available. A dramatic, musical allegory, written by an inter-faith, non-political citizens group from northeastern Ohio concerned about the dangers of the nuclear age. They began touring with the production in early 1982. Appropriate for schools and religious and civic groups. In the play Alice enters Blunderland to find the truth. She meets, among others, Tweedledum and Tweedledummer, who are stockpiling "fairy dust;" Biggie Rat and the Mad Hatter, who are interested in the profits from non-warfare uses of fairy dust, and similar characters. The Rabbit is the only one in Blunderland who understands the truth about the dangers of fairy dust. As an ordinary citizen up against powerful interests, Alice confronts whether or not one individual can make a difference.

A Chance to Live. Mindbody Press, 1749 Vine # N, Berkeley, CA 94703. $4.95 paper. 106 pp. Poems and drawings by students of Berkeley Arts Magnet School expressing their feelings about the threat of nuclear war.

Peace Child: A Study Guide for Schools. David Woolcombe and David Gordon. Based on The Peace Book, by Bernard Benson. Peace Child Foundation, P.O. Box 33168, Washington, DC 20033. $12.50 ($10.00 without musical score). 200pp. Contains approaches to using the musical play

"Peace Child" in classrooms and communities. Educationally useful as a catalyst for discussion whether or not the play is performed. Some topics generated by the guide are: obstacles to peace, the nuclear arms race, and envisioning a peaceful world. The ideas in the guide can be adapted for different classes and age levels. The musical play itself is designed to encourage young people to rewrite scenes and songs which reflect their own solutions to the nuclear threat. Full, modified, or improvisational reproductions may be staged, or script readings done. Writing, art, music, and similar lessons grow easily out of the theatrical experience.

## ATOMIC ENERGY

**Books**

The Cult of the Atom: The Secret Papers of the Atomic Energy Commission. Daniel Ford. Simon and Schuster, Rockefeller Center, 1230 Avenue of the Americas, New York, NY 10020. 1982. $13.95. Based upon a ten-year study of the files of the Atomic Energy Commission. The author argues that the federal government covered up the "pervasive deficiencies and early accidents at six dozen nuclear power stations which still are operating today around the US." The theme of the book is that "our nuclear technology has outstripped our ability to control it." Provides valuable background and a context for teaching related issues.

## ATOMIC TESTING
(See also **RADIATION**)

Books

Atomic Soldiers: American Victims of Nuclear Experiments. Howard L. Rosenberg. Beacon Press, 1980. $5.95. Tells of the effects of radiation on 300,000 American soldiers who participated in the 1950's atomic test blasts. High school-adult.

No Place To Hide, 1946/1984. David Bradley. Foreword by Jerome Wiesner. University Press of New England, $8.95, paper. Originally published in 1948, this is the autobiographical story of a young surgeon who witnessed atomic testing in the Pacific. The new foreword and epilogue frame the significance of this story for contemporary readers. The brevity and historical importance of this book make it valuable for use in courses.

## BIBLIOGRAPHIES

American Peace Directory. (cf. **PEACE EDUCATION**)

Annotated Resource List. Wilmington College Peace Resource Center, Wilmington College, Pyle Center Box 1183, Wilmington, OH 45177. Extensive, up-to-date descriptions of audiovisuals, books, and classroom materials.

Children's Books on Nonviolence. Nonviolence and Children Program, Philadelphia Yearly Meeting, 1515 Cherry St., Philadelphia, PA 19102. $1.00, plus postage. An updated addition of the bibliography from a "Manual on Nonviolence and Children" by Stephanie Judson. These books on nonviolence for young readers are divided into three groups with age guidelines: conflict, nonviolent alternatives, and feelings.

Dialogue: A Teaching Guide to Nuclear Issues. K-12. (cf. **CURRICULA** for annotation.) Contains extensive bibliographies of reading materials for students, books on the pedagogy of teaching about nuclear issues, bibliographies, curricula, and similar topics.

Directory of Peace Studies Programs. COPRED, Kent State University, Kent, OH 44242. Lists colleges, universities, and seminaries offering peace studies.

A Directory of Small Groups Seeking Peace. Northeast, USA Section. Pax Dei and World Peacemakers, Box 444, Damascus, MD 20872. World Peacemakers, 2025 Mass. Ave., N.W., Washington, DC 20036. An excellent compendium of local organizations in Massachusetts, Rhode Island, New Hampshire, Maine, Vermont, Connecticut, New Jersey, New York, Delaware, Pennsylvania, District of Columbia, and Maryland. Useful for those who are seeking community involvement.

Ground Zero Bibliography. Ground Zero, 806 15th St., N. W., Washington, DC 20005. Free, up to 3 copies. Covers arms control, the effects of nuclear war, and the history, politics, and economy of the Soviet Union.

1983 Handbook of Peace and Arms Control Organizations/Activities. The Forum Institute, 1225 15th St., NW, Washington, DC 20005. $12.00. A complete and up-to-date compilation of national groups involved in arms control and reduction, military spending, nuclear weapons, and peace issues. Outlines their goals and activities, the location of their local chapters, and their publications. Extremely valuable resource.

Nucleography: An Annotated Resource Guide for Parents and Educators on Nuclear Energy, War, and Peace. Jacqueline Barber, Gigi Bridges, Cary Sneider, eds. Nucleography, 2847 Fulton St., Berkeley, CA 94705. $5.00. One of the best done and most comprehensive listings. "To be included in this...guide, each entry must be judged by at least one contributor to be a valuable resource in teaching or learning about these issues."

Peace and War: A Guide to Bibliographies. Caroll, Fink, and Mohraz, ABC/CLIO, Marketing Services, 2040 A.P.S., Box 4397, Santa Barbara, CA 93103.

Peace Education: A Bibliography Focusing on Young Children. Rosmarie Greiner. Educators for Social Responsibility, 23 Garden St., Cambridge, MA 02138, $4.00.Grouped around six components of Peace Education: self-awareness, awareness of others, conflict resolution, love of nature, global awareness, and imagination. Each book listed in this bibliography has been field tested with children. Because material for this age group is especially difficult to find, this bibliography is an excellent source.

Peace Education Resources. American Friends Service Committee, 1983. Listings of audiovisuals, maps, and resources on the nuclear issue, as well as on non-nuclear issues.

Peace Teaching and Children: Resources for Teachers and Parents, K-6. Riverside Church Disarmament Program, Riverside Drive and 120th St., New York, NY 10027. $ .50 w/SESA. A listing of 60 annotated, valuable peace education materials designed expressly for the early and middle years with grade levels, sources, prices, and mailing costs.

Perspectives: A Teaching Guide to Concepts of Peace. K-12. (cf. **CURRICULA** for annotation.) Contains extensive bibliographies of resources on peacemaking, nonviolence, conflict resolution, overcoming ethnocentrism, and similar topics.

Public TV Transcripts. PTV Publication (TL), P. O. Box 701, Kent, OH 44240. An annotated listing of public TV program transcripts. Catalogue includes "The Day After Trinity: J. Robert Oppenheimer and the Atomic Bomb."

Teacher's Resource Manual on Worldmindedness. Ida Urso. Occasional Paper #8, Curriculum Inquiry Center, Graduate School of Education, University of California, Los Angeles, 1981. Excellent 132-p. resource guide covering all aspects of holistic education, futuristics, interdependence and global problems, peace, human rights, disarmament, and more.

Teaching Nuclear Issues. (cf. **CURRICULA**)

War and Peace in Literature. Lucy Dougall, ed. World Without War Publications, 67 E. Madison, Suite 1417, Chicago, IL 60603. $5.0o plus $ up to war. Especially useful for the English and Language Arts classroom.

## CIVIL DEFENSE

NOTE: The Federal Emergency Management Agency (FEMA) directed communities across the nation to develop crisis evacuation plans for their cities to host areas in the event of a nuclear attack, and inform their citizens of those plans in print. Several communities, believing that such a crisis evacuation plan was a civil defense chimera, produced instead booklets which demonstrated that preventing a nuclear war is the only "defense" possible. These booklets are available from Cambridge, Mass. (City Council), Newton, Mass. (City Hall), and Burlington, VT 05405 (PSR, Given Box 259, UVM College of Medicine).

### Resources

Civil Defense: Information Packet for Educators and Organizers. Traprock Peace Center, Woolman Hill, Keets Rd., Deerfield, MA 01342, $5.00 plus postage. Includes a range of information on many aspects of civil defense, as well as information on how to research civil defense planning in your area, suggestions on what actions can be taken, and examples of what other groups have done, such as those in Cambridge, Mass, western Mass., North Carolina, and upstate New York. High school - adult.

Civil Defense in the Nuclear Age: What Purpose Does It Serve and What Survival Does it Promise? Dr. Jennifer Leaning, Physicians for Social Responsibility, 1982. Available from PSR, 639 Massachusetts Ave., Cambridge, MA 02139. $3.00. ($1.50 per copy for 10 or more). High school - adult.

Civil Defense in the 80s: Key Aspects of the Debate on Civil Defense. 1982.Physicians for Social Responsibility, 639 Mass. Ave., Cambridge, MA 02139. $5.00. ($4.00 per copy for 10 or more). High school - adult.

Not Just Another Disaster: Preventing the Implementation in Schools of the FEMA Curriculum. Educators for Social Responsibility. $5.00. Rick Colletti, Coordinator. This pamphlet is based on the successful strategies of Bay Area, California ESR which led to the rejection of a federal curriculum on Emergency Management Instruction in many school systems. The controversial aspects of this federal curriculum are: 1) the inclusion of nuclear war in its series of manageable disasters, such as floods and hurricanes; 2) the failure to provide differing perspectives on the highly controversial subject of the survivability of a nuclear attack. The FEMA curriculum has been pilot-tested in 22 states and currently is being revised. This booklet analyzes in detail how the FEMA curriculum is educationally irresponsible, and suggests ways that other communities can go about preventing its implementation in their own school systems.

Programs for Surviving Nuclear War: A Critique. Jennifer Leaning and Matthew Leighton, John Lamperti, Herbert L. Abrams. Available from ESR. $1.00. These essays were written for inclusion in the June/July 1983 issue of the Bulletin of the Atomic Scientists. The authors critique two major, governmental civil defense programs in case of a nuclear attack: the civil defense and crisis evacuation plans of the Federal Emergency Management Agency (FEMA) and the Civilian-Military Contingency Hospital System plan (CMHS) of the Defense Department. They scrutinize the assumptions and myths upon which these plans are based and their dangerous implications. The conciseness and professionalism of the reprint give it strong educational value. High school - adult.

Protection in the Nuclear Age. Booklet H20, Office of Public Affairs, FEMA, 1725 "I" Street, N. W. Room 807, Washington, DC 20472. Free. The Reagan Administration's crisis evacuation plan for target cities to be evacuated to host cities and towns in the event of a nuclear attack. High school - adult.

Shelter Management Handbooks. Civil Defense Preparedness Agency, 2800 Eastern Blvd., Baltimore, MD 21220. High school - adult.

**Books**

The Counterfeit Ark. Jennifer Leaning and Langley Keyes, eds. Ballinger Publishing Co., 54 Church St., Cambridge, MA 02138. $11.95 paper; $28.00 cloth. Sponsored by Physicians for Social Responsibility, this book exposes and criticizes the false assumptions and flawed analysis on which the Federal Emergency Management Agency's crisis relocation program is based. Noted experts such as Jack Geiger, Paul Ehrlich, Robert Lifton, and Admiral Noel Gayler critique FEMA's program, which estimates that given crisis relocation 80% of the American people could survive an all-out nuclear war. The contributors to this book argue that such estimates are based on research studies and computer models that have never received outside, independent review. This book presents that review and thus contributes significantly to our understanding of this controversy.

## CONFERENCE PROCEEDINGS

On the Fate of the Earth. Earth Island Institute, 1045 Sansome St., San Francisco, CA 94111. 500 pp. Proceedings from the first biennial conference on the fate of the earth: conservation and security in a sustainable society, New York, October 19-21, 1982. This book is divided

into seven parts: "What's Going Wrong?" "Where Do We Want to Be?" "How Do We Get There?" "Evening Program With Andre Gregory," "Symposium on Medicine and the Biosphere," and "Enterviews of the Speakers." Contributors to this conference include some of the best known experts on these issues: Richard Barnet, Gene LaRoque, Jack Geiger, Linus Pauling, George Wald, Robert Jay Lifton, Frank von Hippel, Ruth Adams, Robert Drinan, Jeremy Stone. For adults.

War and Peace in the Nuclear Age. Gresham, Oregon High School Conference. William Tattam, Gresham Union High School, 1200 N. Main St., Gresham, OR 97030. These proceedings of an excellent high school conference on the nuclear threat would be useful to other schools interested in putting on a similar conference. The proceedings include background information and a list of the workshops offerred: "How the End Might Begin," by Roger Molander and Theo Brown, of Ground Zero; "What if the Bomb Hits Home?" by Jonathan Schell; "Fallout: The Medical Effects," by Jack Geiger, M.D., of PSR; "But What About the Russians?" by Leslie Gelb, national security correspondent for the New York Times; the moral implications of nuclear war; and civil defense.

## CONFLICT SOLVING
(see also **PEACE EDUCATION**)

**Resources**

The Friendly Classroom for a Small Planet. Children's Creative Response to Conflict Program, Box 271, Nyack, NY 10960. (cf. **CURRICULA**)

Creative Conflict Solving for Kids. Grace C. Abrams Peace Education Foundation, P. O. Box 19-1153, Miami Beach, FL 33139. $8.00. 40-page interdisciplinary unit for grades 4-8. Students are actively involved in discovering new and creative ways to manage conflict. Brainstorming, role-playing, problem-solving, creative writing, decision-making, and the study of causes and alternatives to conflict are included.

100+ Peace Strategies for Conflict Resolution and the Prevention of Nuclear War. Robert E. Valett. Panorama West Books, 8 East Olive Ave., Fresno, CA 93728. $3.95. A compendium of practical, uplifting peace strategies by an educator and psychologist.

Patterns for Teaching Conflict. Center for Global Perspectives, 218 E. 18th St., New York, NY 10003. Practical lesson plans arranged in two parts: K-3 and 4-6.

Peacemaking in Your Neighborhood: Mediator's Handbook. (cf. **PEACE EDUCATION**)

## CONVERSION

**Resources**

The Case for Economic Conversion: Massachusetts. Bay State Conversion Group, 639 Massachusetts Ave., Cambridge, MA 02139. $2.00. The second edition of their booklet on economic conversion and Massachusetts.

Converting the Work Force: Where the Jobs Would Be. Marion Anderson. Employment Research Associates, 400 S. Washington Ave., Lansing, MI

48933. Packed with statistics showing that conversion from military to civilian production would provide a net increase in jobs. 16 pp. $1.25.

**Books**

Conversion of Industry from a Military to Civilian Economy. Seymour Melman, ed. This series of six books is an in-depth study of the conversion process. Mr. Melman is on the faculty of Columbia University.

## CURRICULA

The Arms Race: Opposing Viewpoints. David. L. Bender. Greenhaven Press, 577 Shoreview Park Drive, St. Paul, MN 55112. This is a significant source for including opposing viewpoints on the nuclear arms race, usable at the high school level. The book reprints four to six viewpoints on four questions: Why is there an arms race? Do nuclear weapons provide security? Are nuclear weapons immoral? and, How can the arms race be stopped? Authors include the US Department of Defense, The USSR Ministry of Defense, Center for Defense Information, Richard Barnet, Phyllis Schlafly, Randall Forsberg, Alexander Haig, and Brezhnev. Within the context of opposing viewpoints, the book addresses important critical thinking skills such as distinguishing between fact and opinion, identifying bias, and recognizing ethnocentrism. Highest recommendation.

Choices: A Unit on Conflict and Nuclear War. Union of Concerned Scientists in cooperation with the National Education Association and the Massachusetts Teachers Association. Available from UCS, 26 Church St., Cambridge, MA 02238, or from NEA. $10.00. A two-to-four week junior high school curriculum. The information in this curriculum - about the effects of the atomic bomb on Hiroshima, the dangers of nuclear war, the power of nuclear weapons, the history of the arms race, proliferation, etc. - is framed to educate students about the power of individuals in a democracy to make a difference. To this end, this curriculum emphasizes conflict resolution, the relations between superpowers, the meaning of national security, options to reduce the risk of nuclear war, and a better world. For example, students study the reasons why people hold different opinions, the influence of the media on public opinion, and the separation of fact from opinion. Included are questionnaires, worksheets, handouts, charts, and activities. This curriculum has been at the center of some controversy.

Crossroads: Quality of Life in a Nuclear World. Revised, 1983. Jobs With Peace Education Task Force, Jobs With Peace, 77 Summer St., Rm. 1111, Boston, MA 02110. 3 books, $4.00 each or $10 for the set. Three attractive, separate high school curricula for English, Science, and Social Studies, each designed for a ten-day unit and each examining the effects of the arms race from different perspectives. Although specified for high school, the curricula seem appropriate for junior high school as well. The objectives of the curricula are to help students "to evaluate issues and information, so they can make educated decisions," and help them overcome feelings of helplessness and powerlessness. "We believe in dialogue and presenting different perspectives. Educators must provide students with as much relevant information as we can to help them formulate their own opinions." Crossroads centers on discussion, role playing, brainstorming and problem-solving, and encourages journal writing and supplementary materials to compensate for the brevity of the curricula. Such supplementation is mandated by a history of the arms race in three short pages and an article on limited nuclear war by a

journalist rather than a proponent. Each lesson plan includes many activities, accompanying readings, worksheets and daily homework assignments.

Decision Making in a Nuclear Age. Revised. Roberta Snow, Coordinator. Educators for Social Responsibility. $12.50. A 3-12 week high school curriculum designed to promote an understanding of nuclear weapons within the context of decision making. This design encourages controversy and debate, and the analysis of differing perspectives. The assumptions underlying this design are that every individual in a democratic society has the power to influence events; that to choose not to exercise that influence is also a choice; and that the classroom is a place for students to develop their abilities to participate in and propagate democracy.

Dialogue: a Teaching Guide to Nuclear Issues. K-12. Shelley Berman, Coordinator. Educators for Social Responsibility. $12.95. (This curriculum is a revised and expanded edition of the 1982 ESR Day of Dialogue Planning and Curriculum Guide: Dealing with Issues of Nuclear War in the Classroom). A 250-page manual containing suggestions on how to introduce nuclear education into schools; sample letters to faculty, Superintendents, and School Boards; guidelines for age-appropriate ways to talk to young people about nuclear issues and for presenting divergent points of view; curriculum ideas; an adult study guide for self-education and teacher background; and an extensive, annotated bibliography.

Editorial Forum. GEM Publications, Inc., 411 Lailalieu Drive, Hudson, WI 54016. Classroom kits include 35 pamphlets and a discussion cassette, $29.95; library resource kits have 5 pamphlets and cassette, $9.95. One of the best publications available for developing reasoning skills, such as: recognizing an author's point of view, identifying editorial bias, and interpreting editorial cartoons. Each pamphlet offers editorial opinions with differing perspectives, editorial cartoons, discussion activities, and often cassettes. Titles include: "Nuclear Disarmament," "The Arms Budget and Social Priorities," "Reagonomics," "Morality and Nuclear Arms," "The Soviet Threat: Myth or Reality," "Space Weapons and Nuclear War," "and "Crisis Relocation: Debating Civil Defense in the Nuclear Age." Reproduced from magazines, newspapers, and columnists, the conflicting interpretations of global and national problems stimulate analytical thinking and encourage student reports and research. For grades 7-12.

Educating for Peace and Justice. (cf. **PEACE EDUCATION**)

The Friendly Classroom for a Small Planet: A Handbook on Creative Approaches to Living and Problem Solving for Children. Children's Creative Response to Conflict Program. Avery Publishing Group Inc., Wayne, NJ. 1978. $6.95. Grades K-6. Specific suggestions for fostering affirmation, cooperation, communication, and conflict resolution in the classroom.

Great Decisions '83. Foreign policy Association, 205 Lexington, Ave., New York, NY 10016. $6.00. A 96-page paperback that presents in clear and concise language impartial background and analysis of the most important foreign policy issues facing the nation. Three chapters discuss issues related to nuclear armaments: "U.S.-Soviet Relations: The Arms Race and Co-Existence;" "Nuclear Proliferation: Who's Next to Get the Bomb?" and "West Germany and the U.S.: What's Wrong with the Alliance?" The tone of the writing is scrupulously objective. When used

in conjunction with its Teacher's Guide, which offers innumerable concrete suggestions for classroom use, this resource becomes extremely valuable. The "right" answers to complex problems are not given; instead, various perspectives are offered so that students may learn the facts, examine the options, weigh the consequences, and develop an informed opinion. In sum, this publication offers excellent information in an impartial, non-confrontationist tone and in a concise format. For high school/college courses in U.S. history, government, international relations, and the like.

Let's Talk About Peace, Let's Talk About War. A Peace Curriculum by Teaching in the Nuclear Age. 1983. BANANAS, 6501 Telegraph Ave., Oakland, CA 94609. $10.00 prepaid. Divided into seven units: Expressing Thoughts and Feelings; What Makes an Enemy; Peace as a Process; History of Nonviolence; War and Nuclear Facts; Survival of the Cooperative; Action and Empowerment. Most of the activites in this curriculum are for younger children; but each unit also has starred activities indicating their appropriateness for older students. The authors believe, for example, that the nuclear section is an unsuitable unit below 4th grade and should be used with caution at any age. They state, "We do not recommend specific classroom discussion of the effects of a for children K-3 unless they bring it up...We are opposed to movies or slide shows or books with frightening material for children under 12; many are not appropriate at least until high school...any presentation needs some introduction and preparation and more importantly needs both immediate and long range follow-up."

Missiles and Morals. Prof. Rupert Buchanan, Portland State University, P. O. Box 751, Portland, OR 97207. A university course in the Philosophy Department.

The Nuclear Age: A Curriculum Guide for Secondary Schools. Ground Zero, 806 15th St., N.W., Washington, DC 20005. Free. This curriculum contains five lessons that provide a basic overview of the new realities of the Nuclear Age. Each lesson has an outline, discussion questions, and learning aids. Designed to help students understand the threat of nuclear war, the topics include the history of weapons development, the difference between conventional and nuclear weapons, the first atomic bomb, the arms race, comparisons between US and USSR .II nuclear war, prevention of

nuclear arsenals, the effects of nuclear war, and how to prevent nuclear war. A glossary of nuclear war terms, exercises, a bibliography, and an audio-visual listing are included at the end. Organization and information are the special strengths of this curriculum; it provides an understandable framework for approaching a mass of material and a complex issue.

Nuclear Arms and National Security. Domestic Policy Association. Available from Educators for Social Responsibility. $3.00 plus $1.50 p/h. This 43-page booklet, part of the National Issues Forum, is an exceptional resource, especially for college level students and adult study groups. While concise, informative, and accurate, it avoids being overly technical, superficial, or simplistic. In its writing and presentation every attempt has been made to present an objective, balanced discussion of what can be done to decrease the risk of nuclear war without jeopardizing the nation's security. Even the manner in which this question is phrased is scrupulously even-handed. The booklet presents four approaches to this problem: arms control (stability

through negotiations), peace through strength (if we want peace, we must prepare for war), freezing the arms race, and unilateral reductions. The fundamental issue is "not which new weapons, if any, we should develop, but which of these approaches we should take." As well as stressing concepts, the pamphlet emphasizes the assumptions underlying the divergent views. These emphases distinguish this resource by the focus on reasoning skills. Further, the historical context in which each approach is set provides an in-depth understanding of the issues at stake, often lacking in many other publications. Equally valuable is the premise of the editor: that we are obligated not to leave such an "awesome choice" to "a small group of national defense experts and elected leaders." Although the format of this pamphlet does not technically qualify as a curriculum, its strengths, readability, and reasonable price justify its use as a classroom text. Outstanding recommendation.

Nuclear Issues. New York City Public Schools, Division of Curriculum and Instruction. Four separate curricula for Communication Arts, Social Studies, Science, and Health Education developed by the New York City Board of Education, which has mandated the use of these curricula in all tenth grade classes in New York City. Each curriculum usefully begins with a rationale for teaching nuclear issues in general and in each of these disciplines in particular. Following the rationale are subject-specific performance objectives, strategies for teaching, and many worksheets, each geared to a strategy.

Nuclear War. Prof. Robert Ehrlich. From the author, Department of Physics, George Mason University, 4400 University Drive, Fairfax, VA 22030. A one-semester, university course syllabus and readings.

Nuclear War Education Project. Packet of 20 course syllabi. Federation of American Scientists, 307 Massachusetts Ave., N.E., Washington, DC 20002. $12.00. Outstanding collection of twenty syllabi of college and university courses on the arms race currently being taught around the country. These courses range from those in the economics, sociology, physics, and religion departments to public health, chemistry, and political science. Universities include Columbia, Princeton, Stanford, Middlebury, Dartmouth, Ohio State, Syracuse, Clark, and University of Minnesota, among others.

Pax in Terra. The Peace Resource Center, 5715 Lindo Paseo, San Diego, CA 92115. Syllabus, $3.50; 11 tape series, $25.00 for one week, incl. one-way postage and free copy of the syllabus. A six-week, 50-page college course on the nuclear arms race used at San Diego State University Extended Studies. The syllabus outlines each topic, summarizes the lectures, provides an annotated reading list, suggests topics for group discussion, and lists concerned organizations and available teaching resources. The lecture series, which covers military, economic, political, medical, psychological, and moral issues, is also available on 1/2" videotape.

Peace and World Order Studies. (cf. **PEACE EDUCATION**)

Perspectives: A Teaching Guide to Concepts of Peace. K-12. Shelley Berman, Coordinator. Educators for Social Responsibility. $12.95. A comprehensive, 400-page guide that challenges students and to take apart "peace," analyze its components, and define it in active terms, not just as the absence of war, but as a tough and vital attitude toward life. They are urged to look at peacemakers critically - were Kissinger and

King peacemakers, each of them with their Nobel Peace Prize? What defines a peacemaker? How can we help our students to acquire a peacemaking stance? The guide also questions the relationship between peace and justice; explores conflict resolution and the structures by which peace can be promoted and preserved; examines obstacles to peace, such as propaganda and images of the "enemy;" considers individuals and groups that have helped to create social change and work for peace; and asks students to imagine ways to begin creating a more hopeful future.

A Race to Nowhere. Mary Lou Knownacki, OSB, ed. Pax Christi, 3000 N. Mango Ave., Chicago, IL 60634. 1981. $3.00. This teacher's manual for Catholic high school teachers and others covers 25 questions, answers, and exercises divided into six sections about the Soviet threat, the domestic and foreign costs of the nuclear arms race, the faith dimension of nuclear weapons, and alternatives to the nuclear arms race.

Riverside Church Disarmament Reader: A Model Course for Disarmament Studies. Riverside Church Disarmament Program, 490 Riverside Drive., New York, NY 10027. An impressive, wide-ranging collection of 61 articles and a course syllabus on the nuclear arms race to serve as a reader for college-level courses and adult study groups.

The Search for Alternatives in Six Not-so-easy Lessons. Westminster House, Oregon State University, 101 N. W. 23rd St., Corvallis, OR 97330. Curricular materials for introducing peace education into K-12 programs.

Seeking A Just Society. Van Merrienboer, Grover, Cunningham. National Catholic Educational Association, Suite 100, 1077 30th St., N.W., Washington, DC 20007. A K-12 curriculum, also available separately for elementary and secondary levels. Includes filmstrips, cassettes, script, and manual.

Teaching Nuclear Issues. Nuclear Information and Resource Service (NIRS), 1346 Connecticut Ave., NW, Washington, DC 20036. $10, kit; $5, separately. Leading the field in nuclear power and waste information, NIRS has compiled comprehensive, practical, and attractive kits for elementary and secondary schools which present a variety of excellent resource material for classroom use: "Growing Up in a Nuclear Age: A Resource Guide for Elementary Teachers" and "Nuclear Dangers: A Resource Guide for Secondary Teachers." The packets have annotated listings of books, articles, audio-visuals; a section on background reading for teachers; and an annotated bibliography for children and young adults - a much needed source of material which the young can read for themselves. Unique features of special classroom value are: basic, informative fact sheets on nuclear weapons and energy, each containing summaries of their subjects which will be especially helpful to teachers approaching these issues for the first time; maps with the location of nuclear power and weapons facilities in the U.S.; and mimeographed stencils which illustrate the effects of radiation on the body and the environment, and how uranium is used as a source of power.

Teaching Youth About Conflict and War. National Council for the Social Studies, 1201 16th St., N.W., Washington, DC 20036. Includes suggested units on war-peace topics, a classroom game of conflict and cooperation, and a study in inter-group conflict and cooperation.

What Counts in the National Budget: A Peace Education Unit Using Percent. Albert A. Mellen, Center for Peace and Conflict Studies, Wayne State University, Detroit, MI. An imaginative pamphlet for mathematics

classes studying percents, with problems and study questions using the nuclear war issue.

World Crisis in the Nuclear Age: Introduction to Nuclear War. Prof. Robert Fulton, Dept. of Sociology, Univ. of Minnesota, 1927 South 4th St., Minneapolis, MN 55455. A one-quarter university course with outline and reading list.

## DEFENSE SPENDING

### Resources

Military Budget Manual: How to Cut Arms Spending Without Harming National Security. 1983. National SANE Education Fund, 711 G St., N.E. Washington, DC 20003.

World Military and Social Expenditures 1983. Ruth Leger Sivard. World Priorities, Inc., Box 1003, Leesburg, VA 22075. Also available from ESR, 23 Garden St., Cambridge, MA 02138. $4.00. The 9th edition of this 46-page pamphlet analyzes worldwide military costs compared to public expenditures on health and education, and reveals that world military spending has risen to $660 billion per year. Sivard's thesis is that if military costs were reduced, the savings would go for social needs. "The cost of a single new nuclear submarine equals the annual education budget of 23 developing countries..." An authoritative, independent source for educators and researchers. Sivard is the former chief of the economics division of the U.S. Arms Control and Disarmament Agency.

### Books

Defense Sense: The Search for a Rational Military Policy. Congressman Ronald V. Dellums, with R. H. (Max) Miller and H. Lee Halterman. Edited by Patrick O'Heffernan. $8.95 paper, $29.95 cloth. 376 pp. Based on a series of hearings that examined the Reagan military budget, this book recounts Dellums's struggle for an alternative program that challenges the assumptions and priorities behind the current military build-up. Those who testified include: Paul Warnke, Robert Aldridge, Dr. Herbert Scoville, Richard Barnet, William Winpisinger, and Philip Berrigan, among others.

## DEFENSE

### Resources

Overview of Nuclear Arms Control and Defense Strategy in NATO. U.S. Congress, House of Representatives. Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. 1982.

### Books

The Defense Industry. Jacques S. Gansler. M.I.T. Press, 1980. $19.95. Written by the vice-president of a defense consultant firm, this book critiques the American war machine and shows why it is "in trouble." Recommends specific industry-government policy changes. For adults.

Department of Defense Annual Report. Sec'y. of Defense. Superintendent of Documents, Government Printing Office, Washington, DC 20402. Official

data on US and Soviet forces, and military programs and planning.

National Defense. James Fallows. Random House. 1981. $12.95. Outlines priorities for a reliable and affordable defense system. Explores the technical realities of nuclear weaponry and the risks of nuclear attack. Adults.

The Price of Defense: A New Strategy for Military Spending. The Boston Study Group. 1979. Times Books, Three Park Ave., New York, NY 10016. $15.00. The authors are scientists and students of military affairs, such as Philip Morrison, George Sammaripa, and Randall Forsberg. They assess our real military needs, discuss a strategy for more reasonable defense expenditures, and present a rational analysis for a safer, future military policy. Their overview includes both general-purpose forces and strategic nuclear forces, as well as the impact their recommendations would have on the budget and the economy. In his introduction to the book William Fulbright states: "[This book] brings first-rate research and profound civilian thinking to bear on the role of the military in defense of the U.S. and in protection of our world-wide interests." For adults.

US Military Posture. Chairman, Joint Chiefs of Staff. Superintendent of Documents, Government Printing Office, Washington, DC 20402.

US-Soviet Military Balance: Concepts and Capabilities, 1960-1980. John Collins. McGraw-Hill, NY 1980. $21.50. Reference document.

## DISARMAMENT

### Resources

Disarmament: Final Document. Special Session of the General Assembly on Disarmament. 1978. United Nations, Dep't. of Public Information, 777 United Nations Plaza, New York, NY 10017. For adults.

Pax Christi Disarmament Packet: Talks and Papers in Connection with the UN Special Session on Disarmament. Pax Christi, 6337 W. Cornelia Ave., Chicago, IL 60634. $2.50. For adults.

### Books

Disarm - or Die: The Second U. N. Special Session on Disarmament. Homer A. Jack. World Conference on Religion and Peace, 777 United Nations Plaza, New York, NY 10017. $7.95 paper; $15.00 cloth. 290 pp. 1983. Outlines what disarmament strategy the United Nations might pursue.

The Idea of Disarmament: Rethinking the Unthinkable. Alan Geyer. Brethren Press (distrib. by Caroline House), 1982. Cloth, $17.95; paper, $11.95. Analyzes historical disarmament patterns and suggests options for the future.

Obstacles to Disarmament and Ways of Overcoming Them. United Nations Educational, Scientific, and Cultural Organization. Unipub, 1981. Paper, $17.00. Explores international, legal, and diplomatic aspects of disarmament. For adults.

Repertory of Disarmament Research. United Nations Institute for Disarmament Research, 1982. Cloth, $30.00. International reference and

guide to bibliographies, research papers, institutions, periodicals, and other sources of information on disarmament. Available in English or French. For adults.

Seizing the Initiative: First Steps to Disarmament. Paul Walker. Disarmament Program, American Friends Service Committee, 1501 Cherry St., Philadelphia, PA 19102. $2.00. This 36-page booklet examines the failures and accomplishments of arms control agreements and raises another approach to disarmament: unilateral and reciprocal initiatives. The author presents historical examples of unilateral initiatives and outlines specific, independent steps either superpower might take to break through the current impasse of negotiations.

Study on All the Aspects of Regional Disarmament. United Nations, 1981. Paper, $17.00. Surveys past and present regional disarmament efforts, evaluating the regional approach. For adults.

The United Nations Disarmament Yearbook. Volume 6: 1981. United Nations. Cloth, $35.00. A comprehensive review of the deliberations and other develop-negotiations, which took place during 1981 within the UN bodies or under the auspices of the Committee on Disarmament. Includes discussion of such major topics as limitation of strategic arms, cessation of nuclear-weapon tests, strengthening of security of non-nuclear weapon states, nuclear weapon-free zones, IAEA safeguards restriction of chemical and biological weapons, new weapons of mass destruction, radiological weapons, and prevention of arms race in outer space. For adults.

## ECONOMIC ASPECTS

### Books

The Permanent War Economy. Seymour Melman. Simon and Schuster, 1976. $5.95. An important sourcebook for understanding the military economy and conversion.

## EDUCATION

### Resources

"Education for Peace and Disarmament: Toward a Living World." Special issue of the Columbia Teachers College Record, Vol. 84, No. 1, Fall, 1982. Teachers College Record, Box 103, Teachers College, Columbia University, New York, NY 10027. An outstanding collection of essays, both theoretical and pragmatic, by distinguished contributors such as: Robert Lifton, Seymour Melman, Richard Barnet, Gene Sharp, and Elise Boulding. This collection represents some of the best writing currently being done on the unique contributions that educators can .II nuclear war, prevention of make to preventing nuclear war. Highly recommended as background reading for adults.

## EFFECTS OF NUCLEAR EXPLOSIONS

(Note: 1983 findings by Carl Sagan et al update and in some cases obviate all of these reports in a critical way by demonstrating that a

large-scale nuclear "exchange" involving major cities would not only plunge the Northern Hemisphere into a "nuclear winter," but the Southern Hemisphere as well. See below.)

**Resources**

Maps. US Arms Control and Disarmament Agency. Washington, DC 20451. Free maps of 92 American cities (8 1/2" x 11") with the effects of a one-megaton nuclear explosion superimposed. Also, 26-page report, "Effects of Nuclear War."

Nuclear Weapons: A Public Health Concern. Alfred L. Frechette, M.D., M.P.H. Commissioner's Office, Department of Public Health, Commonwealth of Massachusetts, 600 Washington St., Boston, MA. A landmark stand by a public official. A pamphlet written by the Commissioner of public health for Massachusetts, stating why he feels that the threat of nuclear war is the State's #1 health hazard.

"The Nuclear Winter." Carl Sagan. PARADE Magazine, October, 30, 1983. The "nuclear winter" hypothesis views much, if not all, of the world plunged into darkness by a pall of smoke suspended in the stratosphere in the aftermath of concerted nuclear attacks on cities. Great volumes of smoke, produced in the conflagrations (fire storms), would be carried into the stratosphere where they would absorb sunlight, causing widespread and prolonged freezing of the earth's surface, even in midsummer. Contrary to earlier belief, the smoke would also rapidly spread into the Southern Hemisphere. Possible "extinction of most of the species of plants, animals, and microorganisms on the earth, with long-term consequences of the greatest importance for the adaptability of human populations" would ensue. The nuclear winter hypothesis was presented at a landmark conference in Washington, October 31 and November 1 and has been corroborated by a team of 100 scientists, including the Soviets.

**Books**

The Aftermath: The Human and Ecological Consequences of Nuclear War. Ambio. Jeannie Peterson, ed. Introduction by Alva Myrdal. Published by the Royal Swedish Academy of Sciences. Pantheon Books, 1983. $7.95 paper. A landmark publication appraising the ecological consequences of a nuclear war not dealt with by other resources. The contributors posit a scenario designed to stress the environmental ramifications of a major nuclear conflict: the eruption of a global nuclear war in 1985, a date by which the superpowers may have developed and deployed sufficiently accurate nuclear weapons and enough first-strike technologies to render their leaders more likely to use their nuclear arsenals. The writers examine the medical consequences, including the recurrence of diseases in epidemic proportions, and the effects of a "limited" nuclear conflict in East and West Germany. This scenario illustrates how even the most limited military use of nuclear weapons would most likely result in global catastrophe. But the dominant focus is on explaining, in comprehensive detail, the effects throughout the world on the atmosphere, food and water supplies, and human health and behavior. Consequences on ocean ecosystems, vegetation, and the global economic infrastructure are analyzed thoroughly. Charts, tables, diagrams, a bibliography, and photographs enhance a clearly written and handsome text, rich with information, and scrupulously researched without being overly technical. An invaluable resource.

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The Day After Midnight. Michael Riordan, ed. Cheshire Books, Palo Alto, Calif., 1982. $7.95. Based on a 1979 report by the Office of Technology Assessment of the US Congress, this book documents the potential effects of nuclear war by describing four possible nuclear attack scenarios: the explosion of a single nuclear weapon over a major city; a small attack on industrial targets; a counterforce attack on civilian populations and economic structures; and a comprehensive attack against a complete range of military and economic targets. The book also addresses the controversy surrounding the validity of civil defense measures, as well as the long-term and incalculable effects of a nuclear war on the earth's overall ecological structure. A narrative description of Charlottesville, Virginia in the aftermath of a hypothetical nuclear attack on major US cities places this information in a tangible context for the reader. This resource would be particularly useful for the general adult reader in preparing lectures or discussions, either for the classroom or public gatherings.

The Effects of Nuclear Weapons. Philip J. Dolen and Samuel Glasstone, eds. Superintendent of Documents, US Government Printing Office, Washington, DC 20402. 1977. $7.00. The "bible" on weapons' effects from the technical point of view.

The Effects of Nuclear War. Office of Technology Assessment, US Congress. Prepared jointly by the Departments of Defense and Energy. Superintendent of Documents, US Government Printing Office, Washington, DC 20402. 1979. $6.50. Until the publication of the findings on "nuclear winter," this publication was one of the most complete and authoritative sources about the probable impact on American and Soviet communities of nuclear attack. Recommended for student research projects.

The Final Epidemic: Physicians and Scientists on Nuclear War. Ruth Adams and Susan Cullen, eds. Published by the Educational Foundation for Nuclear Science. The University of Chicago Press, Marketing Department, 5801 S. Ellis Ave., Chicago, IL 60637. $4.95. Preface by George Kistiakowsky. Introduction by Helen Caldicott. A 250-page collection of essays by experts in the field presenting the medical consequences of a nuclear attack, an analysis of the world's nuclear arsenals, and related topics. Contributors include Robert Lifton, John Mack, John Galbraith, Evgeni Chazov, Herbert Scoville, Kosta Tsipis, Jack Geiger, and Roger Fisher.

Last Aid: The Medical Dimensions of Nuclear War. Eric Chivian, M.D., Susanna Chivian, Robert J. Lifton, M.D., John E. Mack, M.D., eds. Foreword by Lewis Thomas, M.D. W.H. Freeman and Co., 660 Market St., San Francisco, CA 94104. $9.95 paper. 1982. A collection of essays that grew out of the First Congress of the International Physicians for the Prevention of Nuclear War (IPPNW). In this 330-page paperback physicians, scientists, and others explore in depth and with powerful graphics the physical, psychological, and environmental effects of nuclear war. The book's wide range, which includes radiation, the ozone layer, and nuclear war survivors, makes it an excellent educational resource, not only for physicians, but for everyone. It is both professional and literate.

Life After Nuclear War. Arthur M. Katz. Ballinger Publishing Co., 54 Church St., Cambridge, MA 02138. $27.50. Presents a scenario for a limited nuclear war which demonstrates that effects of even a 550-megaton attack would be unacceptably horrible. Includes discussion of social,

psychological, and political effects. Makes a good case that our deterrence is very secure and that nuclear war is not winnable.

Long-Term Worldwide Effects of Multiple Nuclear Weapons Detonation. National Academy of Sciences, 2101 Constitution Ave., NW, Washington, DC 20418. 1975. Study by a committee of mathematicians and physicists on the global effects of 5,000 nuclear detonations--about 10,000 megatons of nuclear explosives (only a small fraction of the total world arsenal). Paints a grim future, especially for the Northern Hemisphere.

When the Wind Blows. Raymond Briggs. Schocken Books, 1982. Although in cartoon form, this controversial book is definitely not for children. The shock of the book is its use of the cartoon form to depict the bumbling, forlorn attempts of a well-meaning, middle-aged British couple, during a nuclear attack and afterwards, to comprehend what is happening as they die a slow death. The effect is macabre and chilling.

## ETHICS (MORAL/PHILOSOPHICAL) ASPECTS
(see **RELIGIOUS**)

### Books

Creon and Antigone: Ethical Problems of Nuclear Warfare. Donald M. MacKinnon, F.B.A. Menard Press, 9 the Oaks, Woodside Ave., London N12 8AR England. A leading European theologian and moral philosopher confronts the nuclear issue.

## FOREIGN POLICY

### Books

Towards a New Cold War: Essays on the Current Crisis and How We Got There. Noam Chomsky. Pantheon Books, 201 E. 50th St., New York, NY 10022. Critiques America's current world role, the motivations of its leaders, and the ideological support given by mainstream media and intellectuals.

## THE FREEZE

### Resources

The Freeze Study Kit. American Friends Service Committee, RFD 1, Box 494, Voluntown, CT 06384.

Call to Halt the Nuclear Arms Race. Randall Forsberg, Director, Institute for Defense and Disarmament Studies, Brookline, Mass. 02146. The proposal for a nuclear Freeze by the originator of the idea.

"The KGB's Magical War for Peace." John Barron. In Readers' Digest, October, 1982. An attack on the current American anti-nuclear movement which accuses it of being a dupe of the Soviet Union, communist inspired. Pres. Reagan used this article as the basis for his accusation that freeze proponents were unwittingly weakening America.

The Nuclear Freeze. Bureau of Public Affairs, US Department of State,

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Washington, DC 20520. Criticism of the proposal for a bilateral US-Soviet freeze on the testing, production, and deployment of nuclear weapons.

**Books**

Freeze! How You Can Help Prevent Nuclear War. Senators Edward M. Kennedy and Mark O. Hatfield. Bantam, 1982. $3.50. 267 pp. "The purpose of this book," writes Averell Harriman in the Foreword, "is to engage Americans in the choice about their future." Written by a Democratic and a Republican senator, the book presents the case for the nuclear freeze and for citizen involvement in the struggle. It discusses the risks and consequences of nuclear war, the successes and failures of arms control, and the strategy for achieving a nuclear freeze.

## GLOBAL EDUCATION

**RESOURCES**

Global Education Resource Guide. Global Education Associates, 552 Park Ave., E. Orange, NJ 07017. $4.00 plus $ .50 postage. Addresses global issues and interdependence from a world order perspective. Includes background reading for educators and tools for the classroom.

Teaching Global Awareness With Simulations and Games. (cf. **SIMULATIONS**)

Transnational Perspectives: An Independent Journal of World Concerns. Transnational Perspectives, Case Postale 161, 1211, Geneve 16, Switzerland. $10.00 per year. The aim of this journal is to analyze trends in world society and to suggest trans-national policies and negotiations, expecially in the United Nations, that can reduce conflict and build world unity. Recent topics include "Comprehending Disarmament--The Road Ahead" and "Weapons - Slipping Out of Control."

## HIROSHIMA/NAGASAKI

**Resources**

The Hiroshima/Nagasaki Memorial Collection. Wilmington College Peace Resource Center, Pyle Center, Box 1183, Wilmington, OH 45177. A collection of books, magazine and newspaper articles, films, slides, photographs, and other memorabilia focusing on the explosion of atomic bombs over these two cities.

**Books**

Death in Life. Robert Jay Lifton. Basic Books, 1982. A classic study of Hiroshima survivors, first published in 1967 and re-issued in paperback.

Hiroshima. John Hersey. The classic account of the day the atomic bomb fell on Hiroshima. Junior high school - adult.

Hiroshima and Nagasaki: The Physical, Medical, and Social Effects of the Atomic Bombing. Committee for the Compilation of materials on Damage Caused by the Atomic Bombs in Hiroshima and Nagasaki. Basic Books, 1982.

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Hiroshima Diary. Michihiko Hachiya. Warner Wells, ed. University of North Carolina Press, 1969. $6.95. A survivor's account of the first atomic bombing, long suppressed, together with Japanese newsreel footage.

Nagasaki 1945. Tatsuichiro Akizuki. Quartet Books, 1982. $5.95 paper. An eyewitness account by a doctor detailing the medical problems after the bomb was dropped on Nagasaki.

## JOURNALS

Bulletin of the Atomic Scientists. 5801 S. Kenwood Ave., Chicago, IL 60637. $15.00 per year. Founded in 1947 by concerned scientists involved in the development of the atomic bomb, this journal is an outstanding resource for self-education. For the first time since 1953, when the Soviets exploded the hydrogen bomb, the doomsday clock on the cover has been moved to three minutes to midnight, reflecting the heightened tension between the superpowers. Impeccable professionalism and authoritative articles.

"Education for Peace and Disarmament." Columbia Teachers College Record. (cf. **EDUCATION**)

END. The Journal of European Nuclear Disarmament. END Journal, c/o Nation Institute, 72 Fifth Ave., New York, NY 10011. $12 per year.

Journal of College Science Teaching. National Science Teachers Association, 1742 Connecticut Ave., N.W., Washington, DC 20009. Vol. XII, No. 5, March/April, 1983. $6.00. Special issue on nuclear education. Contains detailed articles about eight ground-breaking college courses around the country, and brief summaries of forty-six others (plus information on how to get details about them). An outstanding resource, easily adaptable for high school.

Mother Jones. 625 Third St., San Francisco, CA 94107. Sept./Oct., 1982. Special Disarmament Issue. For high school, college, and adults.

Phi Delta Kappan. Special issue on "Educators and the Nuclear Threat." April, 1983. Phi Delta Kappan, Eighth & Union, P. O. Box 789, Bloomington, IN 47402. $2.50 single copies. This is a journal of an honorary education society. This special issue includes articles by leading educators, including Terry Herndon (former Executive Director of the National Education Association) and Stanley Elam, and "Nuclear War in High School History Textbooks."

Security and Disarmament. The quarterly of the Trilateral Commission of North American-European-Japanese Affairs, 345 East 46th St., New York, NY 10017. A special issue with articles by Indira Gandhi, Gerard Smith, and Canadian, French, and Japanese writers, among others. For adults who alreadyhave some background.

Social Education. Special Issue on Nuclear Weapons: Concepts, Issues, and Controversies. Journal of the National Council for the Social Studies, November/December, 1983. Editorial Office, National Council for the Social Studies, 3501 Newark St., N.W., Washington, DC 20016. $5.00. An outstanding issue by guest editors, some of whom are ESR members, invaluable for social studies educators but also excellent for all others as well. "A Conceptual Framework for Teaching About Nuclear Weapons," for example, presents a persuasive - if not definitive - argument for why


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nuclear issues must become an integral part of the high school social studies curriculum and teacher education programs. This conceptual framework is then concretized by an examination of how nuclear war is handled - or, more to the point, not handled - in history textbooks; a "Viewpoints Section," culminating in facing pages which argue for and against a nuclear freeze, an example of what education really means; a detailed presentation of raising nuclear issues in the schools, by Shelley Berman, Coordinator of the Boston ESR chapter; several suggested classroom units; and more. The NCSS deserves congratulations for its courage in grappling with these issues and for the professional tone of the discussion it presents.

Momentum. Special issue on the American Catholic Bishops' letter, "The peace pastoral - promise and response," in the Journal of the Catholic Educational Association, December, 1983. National Catholic Education Association, Suite 100, 1077 30th St., N.W., Washington, DC 20007. Single copies, $4.00; 10 or more, $2.00. An outstanding, special issue on approaches to implementing in classrooms the American Bishops' pastoral letter, "The Challenge of Peace: God's Promise and Our Response." Although specifically directed to Catholic educators, a host of ideas for teaching are in this pamphlet which would be valuable for all educators. The articles include: an overview of the Bishops' 150-page letter; reports about different peace education activities and curricula, including conflict resolution; a college level presentation; teaching John Hersey's Hiroshima; and reports by high school students of their peace education efforts. Many of the articles also list substantial resources available, often in a faith context, that one may not have known about previously. Highly recommended for educators at all levels.

Nuclear Times. Nuclear Times, 298 5th Ave., New York, NY 10001. $12.00 per year. A valuable, wide-ranging news-magazine on the nuclear arms race. Current and comprehensive. Includes an extensive calendar of upcoming events all over the country and reviews of books, films, and guides.

Transnational Perspectives. (cf. **GLOBAL EDUCATION**)

## MISCELLANEOUS

Child of the Nuclear Age. Wilmington College Peace Resource Center, Pyle Center, Box 1183, Wilmington, OH 45177. Records, $8.00 plus $1.50 shipping; tapes, $8.25 plus $ .75 shipping. Ten songs of struggle, commitment, and peace.

The Effects and Dangers of Nuclear War. John Massen. Wilmington College Peace Resource Center, Pyle Center, Box 1183, Wilmington, OH 45177. Posters, shipped in cardboard rolls, $35.00; booklets, $25.00 per 100, or $ .50 each for fewer than 100. Prices include shipping. An exhibit of black and white posters and a 16-page booklet, background information, and instructions for mounting and displaying the exhibit.

Facing the Facts: A Series of Educational Flip Charts on the Nuclear Arms Race. Produced by the Traprock Peace Center and the Peace Development Fund. FACING THE FACTS, P. O. Box 145, Greenfield, MA 01302. $55.00, purchase. 35 well-documented charts (24" x 36") on the arms race and the freeze, designed for use by speakers. Charts cover the freeze, civil defense, the psychological and spiritual dimensions of the arms

race, and more. Also includes cards with background information, a portable stand and a mailing.

Handbook: Arms Control and Peace Organizations/Activities. 1983. The Forum Institute, 1225 15th St., NW, Washington, DC 20005. $12.00. An updated version of the 1982 original, this handbook is an excellent network reference. 130 national organizations provided information about themselves for the survey. Each group's profile contains: name, address, contact person, number of paid staff and founding year, description of activities, a list of publications and resources, and a state by state list of affiliates and chapters. Also included is an appendix which presents an overview of all the included groups, pointing out common characteristics and revenue sources. One section gives the issues the groups found most important: specific arms control proposals, specific weapons systems, US-USSR relations, and military spending.

No More Hiroshimas: Poems and Translations. James Kirkup. Kyoto Editions, 1982. Wilmington College Peace Resource Center, Pyle Center Box 1183, Wilmington, OH 45177. $5.00.

The Nuclear Age Education Sourcebook. International Study Pugwash ISP Center, 305 Mass. Ave., NE, Washington, DC 20002. Gathering of "how-to" information on procedures for designing and instituting courses about nuclear education.

"Resolved: the US should significantly curtail arms sales to foreign countries." Arms Control Association, 11 Dupont Circle, NW, Washington, DC 20036. A booklet designed for high school students debating the topic.

Speaking Out on the Threat of Nuclear War: A Practical Guide. 1982. Greater Boston Physicians for Social Responsibility, 16 Garden St., Cambridge, MA 02138. $6.00; 10 or more, $5.00. A 150-page manual used as a course syllabus in speaker training courses. Includes suggestions for citizen action, the process of public speaking, psychological aspects of the nuclear issue, aids for communication.

You Can't Hug With Nuclear Arms! Edited by Jennifer Warburg and Doug Lowe. Morgan & Morgan, 1982. Institute for Policy Studies, 1902 Q St., Washington, DC 20009. $10.95. Photos of the New York June 12 disarmament rally.

## NATIONAL SECURITY

### Resources

Toward a Dependable Peace: A Proposal for an Appropriate Security System. Robert C. Johansen. Institute for World Order, 777 UN Plaza, New York, NY 10017. $2.00. 1978. An approach to security analysis, showing how arms control policies fail to provide security or to moderate arms races.

## NEGOTIATIONS

### Books

Cold Dawn: The Story of SALT. John Newhouse. Holt, Rineheart, and

Winston. 1973. $7.95. A readable discussion of the SALT I negotiations, 1969-1972, from an inside viewpoint.

Endgame: The Inside Story of SALT II. Strobe Talbott. Harper and Row, 1979. $5.95 paper. An inside account of the second round of strategic arms limitation talks, 1972-1979.

## NEWSLETTERS

Arms Control Today. Newsletter of the Arms Control Association, 11 Dupont Circle, NW, Washington, DC 20036. One of the best resources available for self-education, study groups, or background for teaching. Recent issues include: "The Reagan Nuclear Strategy," "Moving Forward on Arms Control," "Arms Control for Real Security." Ordering back issues would provide in-depth information of the highest professional quality.

The newsletter also has an Educators' Page and subject bibliography. Highest recommendation. For adults.

Avon Peace Education Newsletter. 10 Clifton Vale, Bristol BS8 4PT, England. A link for teachers throughout England. Also informative for Americans as an indication of the activities of foreign educators around the nuclear arms race.

Church and Public Education. Margaret L. Shafer, Rm. 710, 475 Riverside Drive, New York, NY 10015. Free. Quarterly newsletter of Education in the Society of the National Council of Churches.

Coalition: Close-Up. Newsletter of the Coalition for a New Foreign and Military Policy, 120 Maryland Ave., NE, Washington, DC 20002.

Countdown. Newsletter of the Nuclear War Education Project, Federation of American Scientists, 307 Masssachusetts Ave., NE, Washington, DC 20002. $10.00 per year. A consistently outstanding publication that focuses on education about the nuclear threat. A total of 25 issues is planned through June, 1984. Lists involved organization and annotated resources, highlights curricula and ideas for study groups, prints excellent, in-depth articles on selected issues, and reviews books and films. Ordering back issues would be highly useful for educators in obtaining an encouraging overview of the serious work being done in nuclear education. FAS also has available a 130-slide package to illustrate talks; a ten-topic model format for study, with suggested readings and mini-slideshows to introduce discussions of each of the ten study topics; a guide to organizing a nuclear war film series; and a superb packet of 20 college-university model courses on the nuclear arms race (cf. **CURRICULA**). Highest recommendation. Upper level high school-adult.

The Defense Monitor. Periodical of the Center for Defense Information, 122 Maryland Ave., NW, Washington, DC 20002. $1.00 for back copies. Contains detailed factual analysis of current military issues, often contradicting popular impressions. Excellent resource for secondary current events, college, and adults. CDI is an organization of ex-military personel who favor a strong defense but oppose excessive military spending. Highly recommended.

Disarmament Campaigns. c/o G. Vanderhaar, 3554 Boxdale, Apt. 3, Memphis, TN 38118. An international newsletter.

Fellowship and Shalom. Newsletters of the Jewish Peace Fellowship of the Fellowship for Reconciliation, Box 271, Nyack, NY 10960. These organizations focus on exploration of conflict resolution. Shalom emphasizes the importance of arms control for Israel.

Military Strategic Affairs Journal: Air Force Magazine, Armed Forces Journal, Aviation Week and Space Technology.

Peace Education News. Creative Conflict Solving for Kids, P.O. Box 19-1153, Miami Beach, FL 33139. Newsletter of the Grace C. Abrams Peace Education Foundation, Inc., which also publishes Creative Conflict Solving for Kids (see Curricula).

SANE WORLD en Espanol. SANE, 711 G Street, SE, Washington, DC 20003. Yearly bulk order rates $60/100 copies of each edition, or $240/500 copies of each edition. Available at cost to all peace and nuclear disarmament groups. With the aim of creating a larger and more heterogeneous peace movement, SANE has begun the bi-monthly publication of a Spanish newsletter dealing with issues about the arms race, military spending, and nuclear disarmament. It is not only educational and informative, but it also carefully considers Hispanic cultural interests.

Teachers for Peace. Campaign for Nuclear Disarmament, 11 Goodwin St., London, N.4, England. An extremely comprehensive, interesting newsletter which discusses peace education in England and lists teaching resources and organizations. Provides American educators with insight into the many activities and ideas being used in British schools.

Washington Report. American Security Council. Washington Communications Center, Boston, VA 22713. A conservative newsletter containing analysis of developments affecting the nation's security. Some recent topics have been: "The Great Game of the 1980s: Nuclear Disarmament" and a critique of the Nuclear Weapons Freeze Movement.

Wilmington College Peace Resource Center Newsletter, Pyle Center Box 1183, Wilmington, OH 45177. An outstanding, comprehensive newsletter concerned not only with nuclear issues, but also with global peace and justice. Has one of the most extensive listings of new resources of any publication and a particularly useful section called "Especially for Teachers."

## NONVIOLENCE

Resources

A Manual on Nonviolence and Children. (cf. **PEACE EDUCATION**)

Nonviolence and Children Program. (cf. **BIBLIOGRAPHIES**)

**Books**

America Without Violence. Michael N. Nagler. Island Press, Star Route 1, Box 38, Dovelo, CA 95428. $13.00. 186 pp. Why violence persists and how to stop it. In the preface Nagler writes, "I decided to...find out myself what causes violence and what to do about it." Nagler argues against the we-are-violent-by-nature thesis and presents nonviolence as a force requiring mental and moral aggressiveness.

## NUCLEAR ACCIDENTS

### Resources

Recent False Alerts from the Nation's Missile Attack Warning System. US Congress Committee on Armed Forces. 1980. Superintendent of Documents, US Government Printing Office, Washington, DC 20402. Close encounters of the real kind, revealed via Congress to the public. Such close brushes with an accidental nuclear war are discussed in detail in The Bulletin of the Atomic Scientists and the newsletters of the Center for Defense Information and the Federation of American Scientists.

### Books

The Three Mile Island Nuclear Accident: Lessons and Implications. Thomas H. Moss and David L. Sills, eds. 1981. The New York Academy of Sciences, Box 5075, FDR Station, New York, NY 10150. Describes the accident and explores the questions of environmental contamination, dissemination of information to the press, and society's reaction to the event.

Three Mile Island: Thirty Minutes to Meltdown. Daniel F. Ford. Penguin Books, 1982. $5.95 paper. Explains how the accident happened, how it was handled and what these events mean for the future of nuclear power.

## NUCLEAR WEAPONS

### Resources

Nuclear Mapping Kit. New Manhattan Project, 15 Rutherford Place, New York, NMY 10003. Student/Class project. Guides students in preparing a map of what damage would be inflicted on their communities by nuclear missiles/bombs.

### Books

The Case Against the MX Missile. Alan B. Sherr, President, Lawyers' Alliance for Nuclear Arms Control, 43 Charles St., Suite 3, Boston, MA 02114. 1983. $3.00, incl. shipping and sales tax; 10-99 copies, $2.00; 100 or more, $1.00. A 40-page brief that presents the major issues surrounding the MX debate. Easy to read, thorough, and well-documented. Scherr argues that deployment of the MX would decrease not increase, our national security and undermine arms control negotiations. The historical context provided for these arguments greatly aids understanding of the controversy surrounding the MX. The author's optimistic assessment of the value of arms control leaves readers not so much discouraged by the present scenario as determined to act to their utmost capacities to replace weaspons for arms buildup with treaties for arms control.

Matching Nuclear Weapons to Strategy: Lessons from the MX Decision. Mark Garrison with Gregory Tarbell. Center for Foreign Policy, Brown University, Box 2948, Providence, RI 02912. Free. An introduction for the general reader to the issues raised by the MX.

Misguided Expenditure: An Analysis of the Proposed MX Missile System. David Gold, Christopher Paine, Gail Shields. Council on Economic Priorities, 1981. $7.50. A critical analysis of the strategic and economic arguments concerning the MX missile system.

MX: Prescription for Disaster. Herbert Scoville. M.I.T. Press, 1981. $6.95 paper, $15.00 hardcover. A nuclear physicist who worked on the early bombs examines the history of nuclear strategy and roundly criticizes the MX and the military bureaucracy that proposed it.

The Nuclear Weapons Databook, Vol. I: U.S. Nuclear Forces and Capabilities. Thomas B. Cochran, William M. Arkin, Milton M. Hoenig. Ballinger Publishing Co. 54 Church St., Cambridge, MA 02138. $19.95 paper; $38 cloth. A 392-page comprehensive encyclopedia on nuclear weapons, based upon congressional hearings, technical journals, and documents obtained through the Freedom of Information Act, that documents nuclear weapons growth and development and argues that the US is engaged in a massive program to increase the size, sophistication, and explosive power of its nuclear arsenal: By the end of this century, the US plans to build more than 28,000 new nuclear warheads, replacing virtually its entire existing inventory. The first of eight planned Databook volumes. This book also reveals that the U.S. military is widely "nuclear-ized;" that is, nuclear weapons dominate the U.S. armed forces to a far greater degree than is generally known.

## PEACE EDUCATION

### Resources

The American Peace Directory: 1984. The Institute for Defense and Disarmament Studies. Edited by Melinda Fine and Peter Steven. Foreword by Randall Forsberg. $12.95 paper. 152 pp. A reference book on over 1350 peace-oriented groups. Includes national peace groups, educators' groups, educational programs, local peace groups, and local chapters of national peace groups.

An Approach to Peace Education #6. National Committee for UNICEF, 331 E. 38 St., New York, NY 10016. Teacher kit has 5 units on the world, its people - cultures; world military spending; arms race and human rights; activities; posters; visual aids. Grades 4-8.

Building Blocks for Peace. Margaret Comstock. Jane Addams Peace Association, 1213 Race St., Philadelphia, PA 19107. $2.00. This 18-page pamphlet is very useful for the younger grades. Comstock's objective is to "begin to train a generation for peace." She believes that to accomplish this, a study of the attitudes required for peace-keeping should begin at kindergarten with learning to love, empathy, and skills for non-violent conflict resolution. For each lesson Comstock states an objective and a theme, lists resources, suggests pertinent activities, and offers a way to evaluate the lesson.

Children and War. Norma Rilaw. Association for Childhood Education International, 3615 Wiseman Ave., NW, Washington, DC 20016. 1973. $.35. This position paper summarizes the need for peace education and the teachers' approaches that are required.

The Child's Declaration of Rights and Responsibilities and the Declaration of the Rights of the Child. Center for Peace and Conflict

Studies, Wayne State University, Detroit, MI 48202. A small, attractive booklet that puts into children's terms the words "right," "responsibility," "fair," "communmity," "brotherhood," "citizen" -- United Nations' concerns. Adopted by the UN General Assembly.

Educating for Peace and Justice: National Dimensions (also available in 3 more volumes: Global Dimensions, Religious Dimensions, and Teacher Background Readings). The Institute for Peace and Justice, 2747 Rutger, St. Louis, MO 63104. $9.00 each. 200-pages. Primarily for grades 5-12, but easily adaptable for grade 4. Discusses non-violence, poverty, sexism, racism, peace, and justice. Contains resource listings, discussion questions, and activities.

A Manual on Nonviolence and Children. Stephanie Judson, ed. Nonviolence and Children, Philadelphia Yearly Meeting, 1515 Cherry St., Philadelphia, 19102. $7.95 paper. A resource for creating an atmosphere where young people and adults can resolve problems and conflicts nonviolently. Includes sections on affirmation, sharing, competition and community, creating an environment, meeting facilitation, amd parent support groups. Over 100 exercises, games, agendas and anecdotes by parents and teachers. Annotated bibliography and illustrations.

Militarization, Security, and Peace Education: A Guide for Concerned Citizens. Betty Reardon. United Ministries in Education, Valley Forge, PA. $4.50. Supplementary Learning Packet, $8.50. Together, $12.00. A 90-page booklet designed "to guide exploration of the role of education in the achievement of a demilitarized world." Lists readings and resources. For adults.

100+ Peace Strategies for Conflict Resolution and the Prevention of Nuclear War. (cf. **CONFLICT SOLVING**)

Peace and Change. Center for Peaceful Change, Kent State University, Kent, OH 44242. $6.00; 25 or more, $5.00. For undergraduate use in courses on conflict resolution, peace studies, etc.

Peace and World Order Studies: A Curriculum Guide. Third edition. 1981. World Policy Institute (formerly the Institute for World Order), 777 United Nations Plaza, New York, NY 10017. 386 pp. For college/university. This guide begins with three essays on the rationale, methodology, and content of world order education. Following are 64 detailed course syllabi with overview, texts, supplementary reading lists, assigned paper topics, and final exams from such schools as Columbia, Princeton, and Colgate, divided into topics of International Organization and Law, Peace, Economic Development and Well-Being, Ecological Balance, and Human Rights among others. Extensive listings of source materials and organizations, including simulation games, complete this extremely valuable guide. Accompanying the curriculum are A Study Guide/Mini Course and a booklet on How To Organize for Peace and World Order Education.

Peace Education Resources. American Friends Service Committee, 1501 Cherry St., Philadelphia, PA 19102. A series of pamphlets on the Freeze and nuclear disarmament. Includes a "Nuclear Mapping Kit," and a 24-page citizen action organizing guide.

Peacemaking in Your Neighborhood: Mediator's Handbook. Friends Suburban Project, Box 462, Concordville, PA 19331. Ideas for improving third-party skills in everyday conflict situations. Role-playing potential for

the classroom.

A Repertoire of Peacemaking Skills. Susan Carpenter. COPRED, Kent State University, Kent, OH 44242. $4.25, incl. postage. A booklet in six sections. Basic for curriculum development in peace education. The listing of skills is an excellent starting place for developing course objectives. Specific suggestions and activities for teaching peacemaking skills.

The Search for Alternatives in Six Not-so-easy Lessons. (cf. **CURRICULA**)

Seek Peace and Pursue It: NFTY Against the Arms Race/An Information and Action Resource. National Federation of Temple Youth, Union of American Hebrew Congregations, 838 Fifth Ave., New York, NY 10021. 25-page resource guide for high school and college groups working for peace education.

To Establish the United States Academy of Peace. Superintendent of Documents, US Government Printing Office, Washington, DC 20402. Report of the Commission on Proposals for the National Academy of Peace and Conflict Resolution.

Understanding and Responding to Violence in Young Children. Lillian Genser. The Center for Teaching About Peace and War, Wayne State University, Detroit, Mich.

## PROLIFERATION

### Books

Controlling the Bomb: Nuclear Proliferation in the 1980s-A Twentieth Century Fund Report. Lewis A. Dunn. Yale University Press. 1982. $6.95 paper, $21.00 cloth. Reviews the history of the nuclear age, identifies the countries most likely to obtain the bomb, and proposes policies to help the US contain the bomb's spread and deal with a nuclearized world.

Nuclear Peril: The Politics of Proliferation. Edward J. Markey with Douglas C. Waller. Foreword by Edward M. Kennedy. Ballinger Books. $14.95. Representative Markey of Massachusetts, arguing that nuclear proliferation is the most immediate threat to world peace, focuses on his efforts to halt a recent US sale of nuclear fuel to India for its Tarapur reactor.

Nuclear Proliferation: Breaking the Chain. George Quester, ed. University of Wisconsin Press. 1981. $6.95 paper. A collection of articles that addresses the question of both nuclear weapons and reactors.

Strategies for Managing Nuclear Proliferation. Dagobert L. Brito, Michael D. Intrilligator, Adele E. Wick, eds. Lexington Books, D.C. Heath and Co., 125 Spring St., Lexington, MA 02173. $32.95. Leading academic and governmental experts consider alternative approaches to analyzing nuclear weapon proliferation, emphasizing political and economic rather than technological determinants.

## PSYCHO-SOCIAL EFFECTS OF THE NUCLEAR THREAT

(On Adults)

**Resources**

"Beyond Psychic Numbing," Robert Jay Lifton. In "Education for Peace and Disarmament: Toward a Living World," Teachers College Record, Fall, 1982. Teachers College, Columbia University, 525 W. 120 St., New York, NY 10027.

"Despair Work," Joanna Macy. Evolutionary Blues, Summer/Fall, 1981.

"Emotional and Motivational Aspects of the Disarmament Problem," Jerome Frank. Journal of Social Issues 17:3 (1961).

"The First Step: Awareness," Robert Jay Lifton. New Boston Review, December, 1981.

"How To Deal With Despair," Joanna Macy. New Age, 32 Station St., Brookline Village, MA 02146.

"The Last Epidemic," P. H. Stone. Atlantic Monthly, February, 1982.

"The Nuclear Arms Race: Sociopsychological Aspects," Jerome D. Frank. American Journal of Public Health 70:950-952.

"Nuclear War: Facing Reality," H. L. Davis. Psychology Today, June 1981.

"Nuclear War's Effect on the Mind," Robert J. Lifton and Kai Erikson. New York Times, March 15, 1982.

"The Prevention of Nuclear War," Robert J. Lifton. Bulletin of the Atomic Scientists, October, 1980. Explains the bomb's psychological impact on Japanese survivors of Hiroshima and paints the devastating effects that a holocaust would have.

"The Psychic Toll of the Nuclear Age," Robert Jay Lifton. The New York Times Magazine, September 26, 1982.

"Psychological A-bomb Wounds," J. Silberner. Science News," November 7, 1981.

"Psychological Aspects of the Nuclear Arms Race," Judd Marmor. Archives of Internal Medicine, December, 1982., An elegantly written, focused article. One of the best pieces on this subject.

"Psychological Fallout," M. J. Carey. Bulletin of the Atomic Scientists, January, 1982.

"Psychosocial Effects of the Nuclear Arms Race," John Mack. Bulletin of the Atomic Scientists, April, 1981.

**Books**

The Broken Connection. Robert Jay Lifton. 1979. Contains two sections on nuclear war.

Death in Life: Survivors of Hiroshima. Robert Jay Lifton. Basic Books, 1982. A classic study of Hiroshima survivors, first published in 1967

and reissued in paperback. Lifton's preface states that the reissue is based on "a spirit of new hope" in "our evolving capacity to acknowledge Hiroshima and to make proper use of it."

Psychosocial Aspects of Nuclear Developments. Task Force Report $20. American Psychiatric Association, 1700 18th St., NW, Washington, DC 20009. A collection of essays by psychiatrists on such topics as: "Sociopsychological Aspects of the Nuclear Arms Race," "Our Emotional Responses to Nuclear Issues and Terrorism," and "The Impact on Children and Adolescents of Nuclear Developments."

Sanity and Survival in the Nuclear Age: Psychological Aspects of War and Peace. Jerome Frank. Random House, 1982. $6.95 paper. The psychological underpinnings of the arms race, discussed by a reknowned psychiatrist.

## PSYCHO-SOCIAL EFFECTS OF THE NUCLEAR THREAT
(On Children)

**Resources**

"Adolescents and the Threat of Nuclear War: The Evolution of a Perspective." William R. Beardslee and John E. Mack. Yale Journal of Biology and Medicine. Vol. 56 (1983), pp. 79-91.

"The Bomb in Our Schools - And in Us." Robert J. Lifton. In Indefensible Weapons. Richard Falk and Robert J. Lifton. Basic Books, Inc., New York, 1982. pp. 48-56. The psychological impact on children of the 1950s of air raid drills.

"Children and Nuclear War." Special section in the International Physicians for the Prevention of Nuclear War Newsletter, Winter, 1984. Includes: "Research on the Impact of the Nuclear Arms Race on Children in the USA" by John E. Mack, M. D.; "What Soviet Children Are Saying About Nuclear War" by Eric Chivian, M. D. and Joseph Goodman; and "European Research on Children and War" by Vappu Taipale, M. D. Valuable reference list, including unpublished work.

"Children and the Threat of Nuclear War," Sybille Escalona. In Educating for Peace: Focus on Mankind, 1973. Association for Supervision and Curriculum Development, 225 North Washington St., Alexandria, VA 22314.

"Children and War: Political Socialization to International Conflict," Howard Tolley. Teachers College Press, Columbia University, 525 W. 120 St., New York, NY 10027.

"Children and War: A Position Paper," Norma R. Law. 1973. Association for Childhood Education International, 3615 Wisconsin Ave., NW, Washington, DC

Dialogue: A Teaching Guide to Nuclear Issues. (cf. **CURRICULA**)

"Effects of the Nuclear War Threat on Children and Teenagers: Implications for Professionals." Milton Schwebel. American Journal of Orthopsychiatry, 1982. Vol. 52, pp. 608-618.

"The Fear That Haunts Our Children," Natalie Gittelson. McCall's Magazine, May, 1982. An overview of research on the effects on children

and adolescents of the threat of nuclear war. Also in Dialogue.

"Growing Up in the Nuclear Age: What Children Can Tell Us." Vivienne Verdon-Roe. East West Journal, January, 1983. (Verdon-Roe has also produced a film on this topic.) An article which stems from the author's interviewing of young people for a book and a film on living in the nuclear age. The format is quotations from about 25 selected interviews, expressing anger, fear, depression, cynicism, distrust, lack of ideals, powerlessness, and despair.

"Growing Up Nuclear," Robert K. Musil. Bulletin of the Atomic Scientists. January, 1982.

"Growing Up With the Threat of Nuclear War: Some Indirect Effects on Personality Development." Sybille Escalona. American Journal of Orthopsychiatry, 1982, Vol. 52, pp. 600-607.

"Helping Children Deal With the Nuclear Threat," Peg Schirmer. In Militarism and Education. Published by the Council on Interracial Books for Children. From ESR.

"How to Talk With Your Children About Nuclear War," Frances Peavey and Charles Varon. Interhelp, 330 Ellis St., Rm. 505, San Francisco, CA 94102. $ .05 each. Four page reprint. Offers suggestions to help parents discuss the nuclear threat with children in a caring and empowering way.

"The Impact on Children and Adolescents of Nuclear Developments," William Beardslee and John Mack. In Pscyhosocial Aspects of Nuclear Developments, American Psychiatric Association, 1700 18th St., NW, Washington, DC 20009. Using questionnaires, psychiatrists Beardslee and Mack surveyed several hundred students about their attitudes toward nuclear weapons and war, "trying to see if these are concerns for children, and, if so, what the nature of the concerns might be." This report reviews their findings and has become the classic research on this subject.

Preparing for Nuclear War: The Psychological Effects. Physicians for Social Responsibility/New York City symposium. Available from PSR/New York, 225 Lafeyette St., Suite 207, New York, NY 10012. $7.50 plus postage, or Greater Boston PSR, 16 Garden St., Cambridge, MA 02138. Proceedings of the excellent PSR/NYC symposium. Contributors include Dr. Robert Jay Lifton, Jerome Frank, Sibylle Escalona, Dr. John Mack, Richard Barnet. An extremely valuable resource for educators, parents, physicians, and the like.

"The Threat of Nuclear War and The Nuclear Arms Race: Adolescent Experience and Perceptions." Lisa Goodman. Political Psychology. January, 1984. A report of a pilot study based on in-depth interviews in August, 1982 with 31 students, 14 to 19, about teenagers' perceptions of the nuclear threat and their attitudes toward the political process.

"What Russian Children Are Thinking About Nuclear Weapons," John E. Mack, M. D. New Haven Register, Octoer 19, 1983. The results of interviews by three American psychiatrists with Soviet schoolchildren in the Soviet Union in Summer, 1983. (An excellent 20-min. videotape on this topic is also available from Intersection Associates, 56 Chestnut St., Cambridge, MA 02139.)

What Shall We Tell the Children? Parenting in a Nuclear Age, c/o Bananas, 6501 Telegraph Ave., Oakland, CA 94609. A restrained 12-page pamphlet which avoids sensationalizing.

What To Tell the Children. Education Committee, Alameda County Nuclear Weapons Freeze Campaign, 4042 Broadway, Oakland, CA 94611.

## RADIATION

### Books

Atomic Suicide. Lao and Walter Russell. University of Science and Philosophy, Swannanoa, Waynesboro, VA. 1981. 2nd ed. What radioactivity is, why and how it kills, and what to do about it. For adults.

The Effects on Populations of Exposure to Low Levels of Ionizing Radiation. National Research Council. National Academy of Sciences, 1980. US Government Printing Office, Washington, DC 20402. Catalogue # 0-489-797.

Nuclear Radiation in Warfare. Joseph Rotblat. Oelgeschlager, Gunn & Hain, 1981. $20.00. Looks at the biological effects of a nuclear war and discusses attacks on civilian power stations, terrorist activities, and other warlike uses of nuclear radiation.

Nuclear Witnesses: Insiders Speak Out. Leslie J. Freeman. Norton, 1982. $5.95 paper, $16.95 cloth. A powerful collection of testimony from workers in the nuclear industry - physicists, construction workers, uranium miners, test bomb veterans, and others - who talk about the health hazards and dangers that led them to oppose, usually at great personal risk, the industry they worked in. Extremely readable format makes this an especially useful text for high school and college courses or units.

Radiation: Waves and Particles/Benefits and Risks. Laurence Pringle. Enslow Publishers, Bloy St. and Ramsey Ave., Box 777, Hillside, NJ 07205. $8.95 hardcover. Ages 12-up. A short, readable book, clear concise, and well-balanced, that explains many different kinds of radiation - x-rays; alpha, beta, and gamma rays; radar; television and radio waves - and discusses their benefits and risks, uses and misuses. Excellent illustrations, glossary, and bibliography for further student research.

## RELIGIOUS ASPECTS

### Resources

The Challenge of Peace: God's Promise and Our Response. The Pastoral Letter of the U.S. Bishops on War and Peace. Origins, Riverside Disarmament Program, Riverside Church, 490 Riverside Dr., New York, NY 10027.

Christians and Non-Violence in the Nuclear Age: Scripture, the Arms Race, and You. Gerard A. Vanderhaar. 1982. Twenty-Third Publications, P.O. Box 180, Mystic, CT 06355. $5.95 paper. Six chapters with discussion questions for each and a bibliography.

Darkening Valley: A Biblical Perspective on Nuclear War. Dale Ankerman. Seabury Press. 1981. $8.95 paper. A Christian religious perspective.

Facing Nuclear War: A Plea for Christian Witness. Donald B. Kraybill. Herald Press, 616 Walnut Ave., Scottsdale, PA 15683. $8.95. For adult discussion groups, Sunday schools, and similar purposes.

Keeping Posted. Union of American Hebrew Congregations, 838 5th Ave., New York, NY 10021. Monthly publication of the UAHC. Examines Jewish as well as universal applications of nuclear arms policy. Its goal is to create dialogue about the growth of the nuclear peril and about Jewish involvement based on concerns expressed in Jewish traditions.

Nuclear Disarmament: Key Statements from the Vatican, Catholic Leaders in North America and Ecumenical Bodies. Robert J. Heyer, ed. Paulist Press, 1982. Paper, $7.95. Collection of important church statements on the moral issue of disarmament. For adults.

Peacemaking and the Community of Faith. John A.Donaghy. FOR (Fellowship of Reconciliation), Box 271, Nyack, NY 10960. $3.00.

Preventing Nuclear Holocaust: A Jewish Response. Edited by Rabbi David Saperstein. Union of American Hebrew Congregations, Washington, DC, 1983. The editor uses law and legend to provide a uniquely Jewish perspective on the nuclear arms race. The approach includes Jewish tales which have implications for the current nuclear situation, and an article by Arthur Waskow, "The Bomb and the Torah," which exemplifies how Torah study can yield insights relevant to the nuclear age. Also addressed are specific Jewish concerns about the impact of the nuclear arms race on Israel; on Soviet Jewry; and on the American Jewish community.

The Risk of the Cross: Christian Discipleship in the Nuclear Age. J. Christopher Grannis, Arthur J. Laffin, and Elin Schade. 1981. $4.95 paper. Presents the authors' rejection of the arms race within the context of the Gospel.

Rumors of War: A Moral and Theological Perspective on the Arms Race. C.A. Cesaretti and Joseph T. Vitale, eds. Seabury Press, 1982. $6.95 paper. A Bible study guide for adults, plus three appendices: two contain essays from diverse sources and one is a bibliography.

Seeking a Just Society. (cf. **CURRICULA**)

Seek Peace and Pursue It: National Federation of Temple Youth Against the Arms Race/An Information and Action Resource. (cf. Peace Education)

**Books**

Peacemakers: Christian Voices From the New Abolitionist Movement. Jim Wallis, Ed. Harper & Row. $5.95 paper. Spokespersons from many Christian traditions argue powerfully for an end to the nuclear arms race. Contributors include Billy Graham and Daniel Berrigan.

Waging Peace: A Handbook for the Struggle to Abolish Nuclear Weapons. Jim Wallis, Ed., 1982. Harper & Row, 10 East 53rd St., New York, NY 10022. Paper, $4.95. Updated and expanded version of the 1981 A Matter of Faith: A study guide for churches on the nuclear arms race. Biblical and theological responses to the arms race and a discussion of what can be done, by such contributors as Richard Barnet, Dr. Howard Hiatt, Sidney Lens, and Ruth Leger [Sivard]. Arranged in three sections with 12 study

sessions: "Our Perilous Situation: The Nuclear Arms Race and Its Consequences;" "Responses of Faith: A Biblical, Historical and Theological Approach;" and "Faith at Work: Christians Rise to the Nuclear Challenge." Wallis is the founder and pastor of Sojourners. His thesis is that we must wage peace "with at least the same commitment [with which] we have waged war. If we do not...our prospects are...grim." His book is hopeful; he believes that a visible commitment and conversion to peace are emerging in the churches, and that many religious leaders are speaking out for the first time, "reexamining their...ministry in light of the nuclear question...A great opportunity for collective Christian witness is emerging." This handbook is useful for individuals, churches, college and seminary classes, and prayer and study groups. Highly recommended.

What One Christian Can Do To Help Prevent Nuclear War. Ronald Freund. CALC, 198 Broadway, New York, NY 10038. 1982. $7.95 plus $1 postage. Freund recounts his personal pilgrimage to a life dedicated to peacemaking. He tells the stories of many individuals and small groups who are involved in working for peace.

## SCIENCE AND RESPONSIBILITY

### Books

Scientists, the Arms Race and Disarmament. Joseph Rotblat, ed. UNESCO, 1982. $24.95 cloth. A Pugwash Symposium of Science and World Affairs. Scientists and engineers have long been accused of fueling the arms race by putting their knowledge at the disposal of military powers. In this book a group of eminent scientists and scholars debates this issue, particularly with reference to nuclear weapons.

## SIMULATIONS

Firebreaks II: A War-Peace Game. Ground Zero, 806 Fifteenth St., N.W., Suite 400, Washington, DC 20005. $15.00 per game (one kit serves a group up to 30); available as a full game, designed for 4-5 class sessions, and as a mini-game, for 1 1/2 to 2 hours. A revised version of the original Firebreaks, a simulation game for secondary school and college classes, and for community, religious, and similar groups. In the game's scenario an international crisis (now in the Middle East/Persian Gulf) escalates to the brink of nuclear war while players fill the roles of advisors to world leaders in the US and USSR. The purpose of the game is to provide insights into how a nuclear war might begin and the "firebreaks" available to prevent it. In this election year the focus of the game is especially appropriate.

Negotiation Table. Christian Movement for Peace, 427 Bloor St., W., Toronto, Canada, M5S 1X7. A simulation game for high school classes, seminars, and similar groups that simulates a conflict situation which could lead to nuclear war. Includes beginning negotiation strategies.

Teaching Global Awareness With Simulations and Games. CTIR Publications, Dept. F., University of Denver, Denver, CO 80208. $14.95. Grades 6-12.

## SOCIO-ECONOMIC ASPECTS

**Resources**

The Arms Race and World Hunger. #4. Oxfam America, 115 Broadway, Boston, MA 02116. $ .15. Useful in Home Economics courses as well as Humanities or Social Science.

Bombs or Bread - Black Unemployment and the Pentagon Budget: Empty Porkbarrel; Unemployment and the Pentagon Budget; Women's Unemployment and the Pentagon Budget. Marion Anderson. Employment Research Associates, 400 South Washington Ave., Lansing, MI 48933. 1982. $1.50 single copy, less in bulk. The studies detail the impact of military spending.

The Costs and Consequences of Reagan's Military Build-Up. Coalition for a New Foreign and Military Policy, 120 Maryland Ave., NE, Washington, DC 20002. 54 pp.

The Freeze and Economic Issues Organizing Manual. Nuclear Freeze Campaign National Clearinghouse, 4144 Lindell Blvd., Suite 402, St. Louis, MO 63108. Includes information on the impact of a freeze on economic conversion in areas of the country that have military contracts.

Militarism and Education - Racism, Sexism, and Militarism: The Links. Special bulletin of the Council on Interracial Books for Children, 1841 Broadway, New York, NY 10023. Also available from ESR. $3.00. Focuses on the impact of militarism on education from elementary school through university levels. Includes the military presence in schools and the cuts in funding for health and social services of every kind.

Unemployment: Fallout of the Arms Race. Coalition for a New Foreign and Military policy, 120 Maryland Ave., NE, Washington, DC 20002. $ .25.

Books

Children's Defense Budget. Children's Defense Fund Publications, CDF, 122 C St., NW, Washington, DC 20001. $12.95 incl. p/h. Comprehensive analysis of the effects of the President's FY 1985 Budget on child care, health and welfare; education; youth employment, and similar programs. The report asserts that "poor, handicapped, abused and neglected children have been the primary victims" of the Reagan Administration's budget cuts and program repeals.

## THE SOVIETS

**Resources**

Q & A: Questions and Answers on the Soviet Threat and National Security. Disarmament Program, American Friends Service Committee, 1501 Cherry St., Philadelphia, PA 19102. $1.00. This pamphlet takes on problems such as the Soviet invasion of Afghanistan and possible Soviet designs on Middle East oil.

Soviet Geopolitical Momentum: Myth or Menace? Defense Monitor, Vol. IX, No. 1. Center for Defense Information, 122 Maryland Ave., NE, Washington, Dc 20022. In a detailed and thorough study this 24-page issue of the Defense Monitor focuses on the trends of Soviet world influence from 1945 to the present. It not only considers the broad overview of Soviet successes and failures in world diplomacy and influence, but also

provides case studies of Soviet influence in specific countries. The study finds that the "trends of Soviet world influence...do not support perceptions of consistent Soviet advances and devastating US setbacks." While somewhat too difficult for most classrooms, the pamphlet is an excellent teacher resource, and the country case studies are appropriate and valuable for high school classroom use.

What About the Russians? Sanford Gottlieb. Available from ESR. $3.00. A concise, clear 54-page booklet. With a view to discerning our common interests, the author balances our perceptions of the Soviets against a realistic look at Soviet expansionism, Soviet fears that act as a background for their foreign policy and overall foreign policy goals, the sources of US distrust of them, and the history of our relationship with the USSR. Its readability and balanced approach make this pamphlet an excellent classroom resource for high school.

**Books**

The Nuclear Delusion: Soviet-American Relations in the Atomic Age. George F. Kennan. Pantheon Books, 201 E. 50th St., New York, NY 10022. $4.95 paper. As America's pre-eminent Soviet scholar, Kennan here gives Americans the most important insights into the Soviet view and position extant and thereby offers us our best hope for improving American understanding of the Soviets. A collection of Kennan's writings and thoughts over several decades about Soviet-American relations, this book places the US-USSR relationship into an historical perspective. Due to his extensive experience in the Soviet Union and his command of the Russian language, Kennan is able to explain, without in any way making an apologia, difficult Soviet events - such as Afghanistan - from the point of view of the Soviets. As a corollary, we also gain insight into how US actions, such as building the MX, might look to us were we seeing them from inside both the territory and the history of the USSR. Because Kennan nearly singlehandedly wrote the policy of containment, which was to the 1950s what deterrence has been to succeeding decades, his sober voice is invaluable for finding ways for the two superpowers to live together on this small planet. Excellent for use in the high school classroom, and superb for college/university and adult study.

The Russians. Hedrick Smith. Ballantine Books, New York, 1976. $2.95 paper. A former New York Times correspondent in the Soviet Union, who journeyed extensively, observes and writes skillfully out of his first-hand experience to produce a book of creative journalism about his contacts with the Soviet people. Many personal interviews. Chapters include: customs, government, The Party, women, corruption, Siberia, religion, and dissent.

Soviet Military Power. Superintendent of Documents, US Government Printing Office, Washington, DC 20402. $6.50. 1982. Preface by Secretary of Defense Weinberger. This report is must reading; it offers unparalleled insight into the minds of those responsible for formulating and implementing nuclear policies. Published by the Defense Department, the report begins with a Preface by Caspar Weinberger in which he states that the information presented in the document will "leave no doubt as to the USSR's dedication to achieving military superiority in all fields." The report then goes on to detail how the Soviets have pushed ahead with force modernization, expansion, and forward deployment on a scale larger than ever before. From this Weinberger argues that the Soviets have changed the character of their military objectives from a credible

deterrent capability to a first, or pre-emptive strike; that our "decade of...neglect coupled with massive Soviet increases" has shifted the military balance in their favor; that an understanding of these elements is essential to the shaping of US defense forces, our deterrent, and our policies. To redress this imbalance is a "formidable task" but one that we and our Allies can accomplish "if we have the will, the courage, and the resolution possessed in ample measure by our predecessors who won our freedom, and who have kept it for us all." Two concessions do appear: that Nato has a technological edge and that the charts and tables on US forces are not all-inclusive, since in a free nation such data are regularly available. (Note: In early 1983 the CIA made public evidence which throws into question the rate of the Soviet buildup claimed by Weinberger.)

Soviet Military Thinking. Derek Laebaert, ed. Allen Unwin, 1981. $14.95. A collection of articles on various aspects of Soviet strategic planning.

Soviet Strategy for Nuclear War. Joseph E. Douglass and Amorett M. Hoeber. Hoover Institution Press, 1979.

The Soviet Union and the Arms Race. David Holloway. Yale University Press, New Haven. $14.95 plus $1.50 p/h. A leading expert on Soviet defense policy discusses Soviet thinking about nuclear weapons and nuclear war.

The Soviet Union Today: An Interpretive Guide. James Cracraft, ed. Bulletin of the Atomic Scientists, 5801 S. Kenwood Ave., Chicago, IL 60637. $9.95 plus $1.00 p/h. About 320 pp. Essays by specialists on Soviet history, politics, science and technology, culture, society, the armed forces, the economy and more. Valuable for college or advanced high school students as well as for the general reader.

What About the Russians - and Nuclear War? Ground Zero, 806 15th St., NW, Suite 421, Washington, DC 20005. Pocket Books, 1230 Avenue of the Americas, New York, NY 10020. $3.95 paper. Designed for high school to provide education on the role of US-Soviet relations in nuclear war prevention. A concise and readable overview.

## SPACE WEAPONS

**Books**

Outer Space: A New Dimension of the Arms Race. SIPRI. Bhupendra Jasani, ed., 1982. Oelgeschlager, Gunn & Hain, Inc., 1278 Massachusetts Ave., Cambridge, MA 02138. $35, hardcover. 423 pp. Proceedings from the 1981 SIPRI symposium on satellite technology, monitoring, legal problems, and possible arms control measures. 12 papers by eminent scientists, lawyers, and diplomats from 12 countries, and a section by Jasani on the technological background to the arms race in outer space

## SURVIVAL

(Note: All the publications below which discuss surviving a nuclear war were written before the 1983 findings of Carl Sagan et al about "nuclear winter.")

**Books**

How to Survive a Nuclear Disaster. Thalif Deen and Col. Earl S. Browning. New Century Publishers, 1982. $12.95. Advice on how to stockpile food, store water, find medical supplies, find a suitable shelter, and more.

Life After Doomsday: A Survivalist Guide to Nuclear War and Other Major Disasters. Bruce D. Clayton. Dial Press, 1981. $8.95. Provides information for a family to prepare for and survive a nuclear holocaust, including advice on shelters, food, energy, equipment, group psychology, and more.

The Nuclear Survival Handbook: Living Through and After a Nuclear Attack. Barry Popkess. Macmillan Collier, 1982. $5.95 paper. Tells what happens when the bomb drops and gives instructions for living in the aftermath.

Surviving the Coming Nuclear War: How to Do It. Ronald and Dr. Robert L. Cruit. Stein and Day, 1982. $14.95. Covers the main effects of nuclear weapons, home shelter designs, food and water storage, evacuation plans, and more.

## WAR

### Resources

A World at War--1983. Special issue of The Defense Monitor, newsletter of the Center for Defense Information, 303 Capitol Gallery West, 600 Maryland Ave., SW, Washington, DC 20024. $1.00; 10 or more, $ .50. 24 pp. "Today, there are approximately 40 major and minor conflicts in the world, involving 45 of the world's 164 nations." Gives country-by-country report on nations involved in conflict, full spread map of the world, and full spread chart summarizing all information. Excellent resource.

### Books

Children of War. Roger Rosenblatt. Anchor Press/Doubleday. $13.95 cloth. 212 pp. In this book journalist Rosenblatt recounts his 40,000 mile journey to several war zones of the world to interview children caught up in war: Belfast, Israel, Lebanon, Cambodia, and Vietnam. The quotations from the children are often excruciatingly moving.

Warfare in a Fragile World: Military Impact on the Human Environment. SIPRI, 1980. Oelgeschlager, Gunn & Hain, Inc., 1278 Mass. Ave., Cambridge, MA 02138. $20.00 hardcover. 249 pp. In the usual thorough manner of the Stockholm International Peace Research Institute, this book gives a wealth of information on the impact of war on people and their surroundings. First looking at the effects of war on all people, it then goes on to explore the specific areas of the Temperate, Desert, and Arctic regions, and Islands, Ocean, and Global ecology. Contains dozens of charts and a 34-page list of references.

## STUDENT READINGS

NOTE: Readings for students on issues related to the nuclear threat are

so numerous that an entire bibliograpny could be devoted to them alone. Extensive listings of readings for young children and students appear in the ESR curricula Dialogue and Perspectives (cf. **CURRICULA** for annotation), as well as in the listings in the **BIBLIOGRAPHIES** section.

# ADDENDA

to 1984 Bibliography of Nuclear Education Resources

## ACTION

### Books

The Trimtab Factor: How Business Executives Can Help Solve the Nuclear Weapons Crisis. Harold Willens. William Morrow and Co., Inc. $10.95, hardcover. 1984. 144 pp. A small rudder attached to a larger rudder on a ship, the trimtab, if precisely applied, can turn a large ship with very little pressure. "The trimtab factor" thus suggests how a small amount of leverage can produce a powerful effect. In this important book Willens, a business man long involved in political activism, writes a "briefing" to the business community, arguing that business is the trimtab of America. Because of the combination of marketplace pragmatism (experience with costs, benefits, and risks; approach to problem analysis) and potential for political influence, business is the sector of society uniquely possessing the power of leadership in the nuclear weapons crisis. "Policy makers are more receptive and responsive to business than to any other single constituency."

This role is one of self interest: with its concomitant military spending, the arms race is deeply damaging America's economy, thereby contributing to the decline of our prestige, influence, and competitive abilities in the world. In Willens' business model we are bankrupting the company in the name of security. "The U.S. Department of Defense budget for the years 1983 to 1988 calls for spending a billion dollars a day on the military." The belief that massive military spending creates jobs and increases productivity is a "myth." "The research indicates that in every area - consumer products, investment, and state and local government - nonmilitary expenditures create more jobs than does military spending."

Continuing this metaphor in his discussion of the Soviet Union, Willens argues that "It is vital to our survival that we reassess our relationship with the Soviet Union using a fundamental principle of sound business practice: Know the competition." Acknowledging that Soviet society and their international political conduct is reprehensible, still it is not in our self-interest to "wage rhetorical holy war" against the Soviets and to create a dangerously oversimplified devil image of them. Rather, the US and USSR share powerful common interests - stopping proliferation and depending for their security on each other like "global Siamese twins." And the arms race is even more of a drain on the Soviet economy than on ours, particularly when viewed in the context of their other troubles: unrest in Poland, a continuing war in Afghanistan. increasing trouble with their ethnic minorities.

The self-interest characteristic of business also informs Willens' proposal for independent American initiatives as the "Way Out:" by virtue of its great strength and democracy, the US is the only country that can exercise leadership in the nuclear impasse. Here, Willens suggests an "incremental nuclear freeze," an idea being given currency by other serious thinkers too.

## ARMS CONTROL

### Resources

The Arms Control Reporter. Institute for Defense and Disarmament Studies, 2001 Beacon St., Brookline, MA 02146. Subscription rates include 11 issues: U. S.

$125/yr; overseas, $140/yr. (Special rates for nonprofit groups.) This unique reference periodical, used by scholars, researchers, government agencies, and the like, chronicles treaties, negotiations, and proposals, reporting the chronology and status of talks, analyses of the prospects, and texts of essential documents.

A Glossary of Arms Control Terms. John Packs. Carnegie Endowment for International Peace, 1979. Arms Control Association, 11 Dupont Circle, NW, Washington, DC 20036. Single copies, free; two to five copies, $1.00 each; over five copies, $ .50 each. Originally included in Negotiating Security: An Arms Control Reader, this glossary is a straightforward presentation of words and phrases used frequently in discussion of nuclear arms. Included are explanations of common acronyms and a list of current arms control agreements. Negotiations both past and present are also covered. A helpful resource in sorting out specific differences in weapons, strategies, and capabilities.

No-First-Use: A Report by the Union of Concerned Scientists. UCS, 26 Church St., Cambridge, MA 02238. $3.00. 1983. 69 pp. An important report recommending that the U.S. and its allies pledge not to be the first to use nuclear weapons because such a policy will increase our security. Additionally, this pamphlet argues that a no-first-strike declaration would redefine the role of nuclear weapons exclusively as a deterrent to nuclear attack, consequently restoring to NATO conventional forces a sense of responsibility for national defense. Anticipating the common objection that a no-first-use policy would require a massive, expensive buildup in conventional armaments, UCS's study concludes that, contrary to widespread belief, the Warsaw Pact conventional forces are **not** overwhelmingly superior to those of NATO. This publication should appeal equally to arms control and arms buildup advocates, and high school and college instructors will find it useful. While the text is sophisticated and thorough, it is not excessively technical. A creative use of this report in classes might be to test its outlined strategies for conventional combat in Europe, the Persian Gulf, Korea, and at sea.

Nuclear Strategy and Arms Control: Challenges for U. S. Policy. (Headline Series 261) Stanley R. Sloan and Robert C. Gray. Foreign Policy Association, 205 Lexington Ave., New York, NY 10016. $3.00. 80 pp. Presents an overview of the nuclear dilemma within the context of the duality of nuclear weapons - their source as a threat as well as for protection and security - but does not offer any oversimplified solutions to the dilemma. Rather, this resource tries to explain in what ways such weapons protect us and in what ways they threaten us; the prospects for controlling the arms race without jeapordizing our national security and for managing our competition with the Soviet Union; and NATO and U. S. nuclear policies. Study questions and a reading list conclude the booklet. The language of the discussion suggests that students will already be familiar with the effects of nuclear weapons' explosions and concepts of arms control, strategic parity and supremacy, theatre weapons, deployment, ground-launched missiles, national security, nuclear umbrella, strike capability, and the like. For college-adults.

Books

Nuclear Arms Control: Options for the 1980s. Philip J. Farley, Betty G. Lall, Gerard C. Smith, Herbert Scoville, Jr., and Michael Krepon. 1982. The Arms Control Association, 11 Dupont Circle, NW, Washington, DC 20036. Free. A

compilation of articles on arms control by experts who have been associated with the Arms Control and Disarmament Agency. Gives detailed explanations of different nuclear Freeze proposals and common questions about the practicality of a Freeze, increasing the reader's awareness of how many different options for a Freeze have been considered in the US Congress, in state governments, and in citizens' groups. Also presents the pros and cons of eight "deep cut" proposals, with particular emphasis on START and the dangers in "cutting numbers while not constraining technology." With some prior knowledge of nuclear weapons, this booklet is a valuable source of information. More important, the outlook of the book is that the arms race will be reversed by the continued and increased involvement of the public in arms control issues. College - adults.

**ARMS RACE**

Resources

Up in Arms: A Common Cause Guide to Understanding Nuclear Arms Policy. Sandra Sadacca. Common Cause, 2030 M Street, NW, Washington, DC 20036. 1984. $3.50. 130 pp. The catchy title Up in Arms disguises the quality of this resource. Although admittedly readers may feel they can't digest so much information, or that they don't want so much detail, the explanations in this overview are absolutely essential to a truly educated view. The stated purpose of the book is "to give the average citizen the information - the terminology, the strategies and tactics, the competing arguments - to have an effective voice in the dialogue on nuclear arms policy and in the debate on preventing nuclear war. The booklet's admirable premise is that we cannot achieve new ways of thinking about nuclear weapons unless we first master the basic facts and concepts and examine the issues from all sides. Many other overviews are superficial in comparison and, therefore, dangerous, because the nuclear arms race is an issue to which the proverb "a little knowledge is a dangerous thing" especially applies.

The chapters "Can Deterrence Offer Security?" and "How Do U.S. and Soviet Nuclear Forces Compare?" are excellent. The former discusses national security, MAD, and the logic of limited nuclear war-fighting with great balance, while the latter emphasizes both the importance of asking not only "Who's ahead?" but also "What does 'ahead' mean?" as well as the significance of different measures - numbers, power, and weapons' characteristics - that determine a nation's nuclear strength. The sections on technology and verification are outstanding; Common Cause contributes light rather than heat to the verification issue by presenting a rare explanation of evidence of progress in the Soviet attitude toward on-site inspection: "During these talks [the Comprehensive Test Ban], the Soviet Union accepted the American proposal to install ten black boxes in Soviet territory. Moreover, they began detailed procedures for actual conduct on on-site inspections." Highly recommended for college/adults.

Books

HOPE: Facing the Music on Nuclear War and the 1984 Elections. Ground Zero. Long Shadow/Pocket Books. $3.95, paper. 1984. 122 pp. Written for high school students, particularly for those who feel helpless about the nuclear threat, this resource explains how young people can contribute to keeping the national focus on the prevention of nuclear war during the 1984 elections. The book's approach continues Ground Zero's "livening up" of the grim subject of nuclear war by intensive use of cartoon drawings, fictional characters and dialogue, and a colloquial tone. Some readers may be put off by these devices;

but their purpose is to decrease for young people the tension generated by the nuclear issue, render it less overwhelming, and consequently spur their participation in the public search for new ways of thinking.

Toward Nuclear Disarmament and Global Security: A Search for Alternatives. Burns H. Weston, ed. Westview Press. $14.95, paper; $30.00, hardcover. 1984. 746 pp. An outstanding, comprehensive collection of essays intended for use as a basic text in world order studies, peace studies, national security studies, and global issues courses, or as a supplemental text in international/history courses. It would also be excellent for adult study groups/seminars. The readings are organized in four sections: "Confronting the Nuclear Crisis," which includes selections from Jonathan Schell, Robert J. Lifton, the US Catholic Bishops, and the US Secretary-General; "Rethinking Some Basic Assumptions," to which George Kennan, Richard Barnet, Richard Falk, and Georgi Abatov, among others, contribute; "Opting for Nuclear Disarmament," (Randall Forsberg, Roger Fisher, and Jerome Frank are included); and "Pursuing Alternative Global Security," the thrust of this book. Each chapter contains an introduction, discussion questions, and an excellent bibliography. This book represents a noticeable change in focus, characteristic of many publications now appearing in 1984: the best minds of our time and the best efforts of American citizens now seem to be concentrating on solutions, rather than on scenarios of nuclear destruction, an optimistic event indeed.

**ARTICLES**

"The Abolition." Jonathan Schell. The New Yorker. January 2 and 9, 1984. A pair of articles equally thought-provoking as Schell's three historic essays originally published in this magazine (which became the best-selling The Fate of the Earth). In these essays, however, Schell transcends the apocalyptic by proposing a solution to the nuclear predicament, specifically, the question of formulating a "deliberate policy" for abolishing nuclear arms. The significance of Schell's discussion lies in his attempt at the new ways of thinking urged on us by Einstein ("The splitting of the atom has changed everything save our modes of thinking, and we thus drift toward unparalleled catastriophe") and in his concomitant challenge to us all similarly to break the old chains of reasoning in which we have been stuck throughout the nuclear age.

Repudiating his earlier idea that effective nuclear disarmament can only occur within the context of world government (an old way of thinking), Schell views deterrence in a new light, proposing that deterrence itself can serve as the basis for abolishing nuclear arms. "Weaponless deterrence," based on the unlosable nature of the knowledge of how to make nuclear weapons, would deter an adversary by a nuclear power's capacity for nuclear rearmament. "The everlastingness of the knowledge is the key to the abolition of nuclear arms within the framework of deterrence." In this way, deterrence and stability still remain in force in a nuclear-free world, and Schell dismantles the old, ingrained idea that because uninvention of nuclear know-how is impossible, then abolition of nuclear arms is impossible.

Schell's contribution in these articles is both profound and heartening, precisely because he is not a scientist, but "one of us," as Conrad might say. In committing himself as an ordinary citizen, with no particular expertise in arms control or weaponry, to a mastery of the nuclear problem, Schell is a paradigm of rational man, free of the Platonic cave, refuting the attempts by "experts" to lock American citizens out of the nuclear debate, and illustrating the bankruptcy of their claim that we should leave the fate of our world in their hands.

"Dangerous Myths About Nuclear Arms." Edward Teller. Reader's Digest, November, 1982. In this article Teller, "father" of the H-bomb, argues that six dangerous myths about nuclear weapons exist, based on exaggeration, misinterpretation, and simplistic thinking. Many of these fantasies are connected to a nuclear Freeze, while the most dangerous is that civil defense is useless in a nuclear attack. Some of Teller's counter-arguments would be useful in a high school classroom in presenting diverse viewpoints. They include: the US and USSR do not have parity in nuclear megatonnage; our second strike, retaliatory forces are not survivable/safe; verification problems make disarmament impossible; R & D on nuclear weapons should not be frozen because they will produce "cleaner," smaller, and often defensive weaponry; the duration and extent of the effects of fallout are misrepresented ("The radioactivity of fallout declines rapidly...It can be wiped or washed off cans, wrappers, skin or any other surface. It can be easily filtered out of water. Food exposed to fallout is not harmed by the radiation."); the ozone layer, if damaged in a worst-case scenario, would return, in the next few years, to about 80% of normal ("...our survival can be considered certain."); "no evidence of genetic damage has been found" so far in 35,000 children born to atomic-bomb survivors.

A reply to Teller appears in The Bulletin of the Atomic Scientists, March, 1983.

"Is the Nuclear Threat Manageable?" Leslie Gelb. New York Times, Sunday Magazine, March 4, 1984. Gelb, the Times' national security correspondent, discusses clearly and strikingly what's at stake if current research on and development of nuclear weapons' technology is not brought under control: that such technologies will eventually make it possible for a nuclear war to be won. By extension, such capability, of course, will also make it likely that a nuclear war will someday be fought.

"Nuclear Weapons and the Atlantic Alliance." McGeorge Bundy, George F. Kennan, Robert S. McNamara, and Gerard Smith. Foreign Affairs, Spring 1982. This article has caused a great stir because it presents the case for a no-first-use doctrine by a particularly august, experienced group.

"Pentagon Draws Up First Strategy for Fighting a Long Nuclear War." Richard Halloran. New York Times, May 29, 1982. A news story (leak) of a secret five-year Defense Guidance Plan for a "protracted" nuclear war with the Soviet Union in which the U. S. "must prevail and be able to force the Soviet Union to seek earliest termination of hostilities on terms favorable to the U. S."

"Unfreeze Arms Control" and "Nuclear Fantasies." The New Republic, April 14, 1982 and April 18, 1983, respectively. Two of the more thought-provoking arguments against a nuclear Freeze, because they also argue against the B-1 bomber and the MX; acknowledge the urgency of the nuclear threat and encourage public nuclear debate as a "salutary exercise for a great democracy;" and grant the legitimacy of some political reasons for supporting a Freeze. In other words, this anti-Freeze argument gains credibility because it does not stem from ideology. The key to this argument lies in its premise: that the U. S. land-based ICBMs are currently vulnerable to a Soviet first-strike. This risk leaves us with only an aging bomber and submarine arsenal as our second-strike, retaliatory force; more than 15 years old, this arsenal is becoming increasingly obsolete and vulnerable. A Freeze would prevent their modernization, yet would not prohibit highly destabilizing, non-nuclear research in anti-submarine, anti-aircraft, and anti-satellite weaponry. As a result, a Freeze would ultimately

jeopardize the survivability of America's retaliatory capacity, the key to deterrence, thus rendering the world not more but less safe. In brief, these editorials favor those new nuclear weapons (modernization) that would help to stabilize deterrence and thereby increase the world's safety: the Stealth bomber, for example, whose increased accuracy would provide a more credible retaliatory threat, and the Trident submarines, which would be less vulnerable than the present Poseidons because their longer range makes them less detectable. A Freeze, on the other hand, would prevent all modernization.

Due to their clarity and conciseness, these articles are highly recommended for high school, college, and adult studies.

"Victory is Possible." Colin Gray and Keith Payne. Foreign Policy, No. 39, Summer, 1980. This essay argues that it is possible to win a nuclear war, and that the US should adopt a war-fighting (winning) nuclear strategy. The article is a "bible" of Reagan Administration strategists.

"Weapons and Hope." Freeman Dyson. The New Yorker, February 6, 13, 20, & 27, 1984. Following hard on the heels of the Schell essays, The New Yorker in these essays by the reknowned Princeton physicist Freeman Dyson again makes an unprecedented contribution to maintenance of the public focus on breaking through the nuclear impasse. Informed by exquisite rationality without sacrificing values or emotional commitment, Dyson's discussion centers on healing the abyss between the world of the "warriors" and that of the "victims." "I write because I live in two worlds - the world of the warriors and the world of the victims - and I am possessed by an immodest hope that I may improve mankind's chances of escaping the horrors of a nuclear holocaust if I can help these two worlds to understand each other...One week, I listen to Dr. Caldicott in Princeton. The next week, I listen to General So-and-So in Washington. Dr. Caldicott and the general live in separate worlds...If Dr. Caldicott and the general ever tried to talk directly to each other, it would be a dialogue of the deaf. And that is why I write this essay. I know that there are not two separate worlds but only one. Dr. Caldicott and the general, whether they like it or not, live on the same planet. My task is to explain them to each other, to fit together the split halves of our world into a single picture."

Dyson models this utterly civilized dialogue by his ability to enter completely into each world view, assumption, and way of thinking about nuclear weapons. As well, he suggests original, practical ways of dealing with the problem of nuclear weapons in the future. The 'hope' of the title is Dyson's faith that we can, indeed, find such practical solutions. For many readers, the most important section of these essays will be Part IV, the quest for concept, in which Dyson examines seven strategic nuclear doctrines in order to define one "that may offer the world hope of escape from the trap into which reliance on nuclear weapons has led it."

**ARTISTIC**

Books

Writers in the Nuclear Age. New England Review and Bread Loaf Quarterly, Vol. V, #4, Summer 1983. From the publisher, Box 170, Hanover, NH 03755. $4.00. This poignant, collective expression of fear and hope in poems, stories, and essays confronts nuclear war as the responsibility of writers (advanced high school and up) who question their role in nuclear issues. This collection would also be useful in inspiring students to express their own concerns.

**BIBLIOGRAPHIES**

Bibliography on War and Peace: Pre-School through High School. Faye A. Lander, 500 Harvey Ave., Kent, OH 44240. 7 pp. Written by a student of war and peace in adolescent literature. Lists good suggestions broken down into preschool to early elementary; four to six; and adolescence. The listing would be more useful if it were annotated.

Directory of Initiatives for US-USSR Reconciliation. US-USSR Reconciliation Program, Fellowship of Reconciliation, Box 271, Nyack, NY 10960. $1.00. 15 pp. A pamphlet listing organizations, groups, conferences, projects, and exchange programs which promote dialogue between the US and the Soviet Union.

Resources, Central Massachusetts Safe Energy Project, Inc., P.O. Box 1409, Federal Station, Worcester, MA 01601. A nonprofit distribution service offering resources on nuclear weapons and power, such as posters, buttons, and bumperstickers, as well as books.

**CURRICULA**

Faith and Justice Issues: I Peace and Conscience Formation, $14.95, 67 pp.; II The Arms Race, $6.95, 43 pp.; III Nuclear War: Teaching Manual for the Challenge of Peace, $8.95, 52 pp. Saint Mary's Press, Christian Brothers Publication, Winona, Minnesota. Although these social justice manuals for high school juniors and seniors are Catholic oriented, many of their ideas are applicable to any student or can be used to present one of many points of view. Each pamphlet is divided into ten sessions with detailed lesson plans: goals, planning strategies, materials' listings, assignments, activities, additional readings. Clarity informs the entire curriculum, and each format is highly readable. Manual I is further distinguished by a collection of duplicating masters. Topics include the just war theory, nonviolent traditions, and conscientious objection. Highly recommended.

**EDUCATION**

Resources

"The Nuclear Arms Race Poster." Social Graphics Co., 1120 Riverside Ave., Baltimore, MD 21230. Poster and accompanying booklet, $9.00, incl. p/h. The aim of Social Graphics is "to make information on controversial issues accessible in today's visual society." This colorful, easily understood wall poster (37" x 24") is an excellent teaching tool for high school because it makes manageable for students the complexities of nuclear weapons and the development of the arms race. The poster indicates prime targets in the US and USSR, each step in the history of the arms race, vulnerable weapons, and the equivalent of the US nuclear budget in social needs. A 40-page booklet accompanying the poster explains the evolution of nuclear weaponry, the current military balance, five myths about nuclear weapons, the history of arms control and disarmament talks, and the economic aspects of the arms race. The publisher also distributes an equally compelling poster (poster and booklet $10.00 incl. p/h) "Social Stratification in the United States," which uses figures from the Bureau of Labor Statistics and the Census Bureau to document that the middle class is shrinking - that is, that the gap between the rich and poor is growing. The accompanying guidebook offers valuable suggestions for classroom use of the poster.

Our Future At Stake: A Teenager's Guide to Stopping the Nuclear Arms Race. Citizens Policy Center/Nuclear Action for Youth Project. From the publisher, 1515 Webster St., Oakland, CA 94612. $8.95, paper. 68 pp. Although the subtitle of this booklet clearly indicates its bias, its authors are also careful to state again in the introduction that "this book assumes a strong anti-nuclear stance." Therefore, the discussion of anti-nuclear viewpoints naturally outweighs that devoted to, for example, the advantages of deterrence and arguments in favor of a nuclear weapons buildup. Within this context, however, the authors do attempt to introduce balance into the discussion to facilitate young people's understanding of the nuclear arms race. Nine young people, 12 to 17, quoted throughout, contributed substantially to the writing of this pamphlet, and the information is clearly presented and highly readable.

**EFFECTS**

Resources

The World After Nuclear War: Summary of Conference Findings. Union of Concerned Scientists, 26 Church St., Cambridge, MA 02238. UCS provides a singular educational service in summarizing the "nuclear winter" findings from the Conference on the World After Nuclear War: Long-Term Biological Effects of Nuclear War.

**JOURNALS**

Radcliffe Quarterly. "Nuclear Disarmament Before It's Too Late." Special issue, March 1983. Radcliffe College, 10 Garden St., Cambridge, MA 02138. This entire issue is devoted to the nuclear arms race. Articles include Barbara Tuchman's "Is There an Alternative to Arms Control?" Elizabeth Winship's (Dear Beth) "Kids Are Terrified, Too," and Dr. Jennifer Leaning's "It is We Who Must Speak for Humanity."

Philosophy and Social Criticism. "Philosophy and the Debate on Nuclear Weapons Systems and Policies." Special Issue. Dr. William C. Gay, ed., University of North Carolina at Charlotte, Charlotte, NC 28223.

**NEWSLETTERS**

Interaction. Newsletter of the Global Tomorrow Coalition, 1525 New Hampshire Ave., NW, Washington, DC 20036. The Fall 1983 issue presented an editorial on the "nuclear winter" findings and two essays on global responsibility, one by MIT physicist Victor Weisskopf and one by a highly positioned Soviet economics researcher.

YouthLink. Paula DeCosse, YouthLink, 4835 Penn Ave. South, Minneapolis, MN 55409. $15/yr. for 6 issues. A bimonthly newsletter written for students of all ages to empower "young people to envision and work toward a positive future." The articles keep students updated about arms race and peace events in classrooms and communities in which young people are involved, and also offers a center page of discussion questions related to the articles that teachers can duplicate and give to their classes. One of the few such resources solely for students.

## NUCLEAR WEAPONS

### Resources

Anti-Satellite Weapons: Arms Control or Arms Race? Union of Concerned Scientists, 26 Church St., Cambridge, MA 02238. $3.00. 44pp. A report from a panel of scientists and defense experts on anti-satellite weaponry.

Briefing Papers. #2 Balance of Forces; #3 ASAT Weapons; #4 Intercontinental Weapons; #5 Star Wars Weapons; #6 Euromissiles. Union of Concerned Scientists, 26 Church St., Cambridge, MA 02238. Free. Outstanding, four-page explanations of the implications of these weapons systems.

MX: 4 Fallacies Fact Sheet. Union of Concerned Scientists, 26 Church St., Cambridge, MA 02238.

### Books

Ballistic Missile Defense. Ashton B. Carter and David Schwartz, eds. Brookings Institution, Washington, DC. 1984. $12.95, paper. 455 pp. Sponsored by MIT and the Brookings Institution. A collection of essays that analyze rigorously the technological feasibility, strategic reasoning, and implications of the current ballistic missile defense debate. The inclusion of contributions by some people currently engaged in R & D on these systems provides a spectrum of opinion of the issue.

## PEACE EDUCATION

### Resources

Peacemaking: Family Activities for Justice and Peace. Jacqueline Haessly. Paulist Press, New York. 86 pp. Concrete activities and exercises in peacemaking for families to use in their homes with children pre-school through adolescence. The Milwaukee Peace Education Center, of which the author is coordinator, also publishes a "Peace Talks" magazine for younger children, Peacemaking for Children, with sensitive and low-key suggestions for activities, books, and the like. ($ .25 single copies from the Milwaukee Peace Education Resource Center, 2437 N. Grant Blvd., Milwaukee, WI 53210.)

### Books

Education for Peace: Focus on Mankind. Yearbook Committee of the Association for Supervision and Curriculum Development. George Henderson. 1973. 225 pp. A collection of articles that addresses the role of education in developing individual attitudes toward war and peace. The book begins with an overview of peace education and its relation to the school establishment and then discusses the goals and purposes of peace education and recent curriculum developments in conflict resolution and international order. Contributing scholars include Betty Reardon and Sybille Escalona. One use of this book would be to develop teaching processes that reinforce values of support, cooperation, and peaceful conflict resolution.

**SOVIETS**

Resources

"Danger in Moscow." Seweryn Bialer. New York Review of Books, February 16, 1984. A seminal piece on the Soviet Union, although the sections on Andropov's incapacitated leadership are now obsolete. In his recent, third trip to Moscow in thirteen months Bialer, a Soviet expert, found a "rekindled sense of [Soviet] insecurity" stemming from President Reagan's public disrespect for their system and for the prestige of their leaders that has humiliated the Soviets and fueled "an angry and defiant response, a desire to lash out, to reassert self-esteem, to restore the diminished respect of others." Combined with their paranoia and recognition of their vulnerability, this reaction, Bialer fears, has increased the dangers of nuclear confrontation between the superpowers and will lead to their taking greater risks, not to the conciliatory behavior that the Administration posited. The Soviets interpret the Administration's nuclear weapons buildup as a determination to alter the balance of power in favor of the U.S.; Reagan is portrayed by Soviet leaders as a new Hitler, preparing for war; and America is vilified daily more than at any time since Stalin. This analysis is Bialer's warning of the paramount need for a new approach to the Soviets.

**SYLLABI**

Philosophy. David Weinberger, Philosophy Department, Stockton State College, Pamona, NJ 08240. Prof. Weinberger has information about curricula on nuclear issues currently in use in philosophy departments of colleges and universities around the country.

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